



THE RAPETICS;

OR,

THE ART

OF

HEALING.

BY

THOMAS MARRYAT, M. D.

NULLIUS ADDICTUS JURARE IN VERBA MAGISTRI.
HOR.

THE TENTH EDITION.

L O N D O N :

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W. D. Dodder



Prefixed to the TENTH EDITION.

AS this book is now calculated for private families, there is no one in the English language will be of such *real* use to them. Here is no lamentation over the invalidity of domestic medicines. To offer an in-efficacious, or even a precarious medicine, betrays a want of common sense and common honesty too; for it can answer no other purpose than to transfer money out of the pocket of the afflicted into that of the Apothecary. Those recommended *here* are by no means of that description: he that uses them will assuredly find relief, without the least possible disadvantage. Efficacious medicines are always the safest: there are none taken from that enormous mass of poisons in the Scotch Dispensary: no hazardous ones. Such as are offered have already proved efficient in thousands of cases.

Cheapness is an object that has never been lost sight of. Thus, for instance, half an ounce of vitriolic acid (for one penny) in a pint of water, is a perfect cure for the Itch.

To give one illustration of the utility and importance of this Treatise to industrious poor families. From FLATULENCIES originate more disorders, than from all other causes; as loss of appetite, lowness of spirits, wakefulness, listlessness; wandering pains in the sides, bowels, and between the shoulders, costiveness, sometimes a purging; gravelly

gravelly disorders, difficulty of breathing, all the horrors attending the hypochondriacal and hysterical affections, and those which are called *Nervous*; to which may be added almost every internal sensation that tends to render life un-comfortable. This interesting observation has never before been made public by any other Author. The reader, by turning to the article FLATUS, or WINDY DISORDERS, will find certain, and I need not add innocent, remedies which will remove the *cause* of, well as the above-mentioned disorders themselves, when infested by them.

The Author has now done with the public, to whom he has devoted his best and most faithful services. In a very little time, the hand that writes this will be motionless for ever: at such a serious period, he may expect some confidence from his reader. Throughout his whole life (even from his childhood) he never felt any passion so predominant, any satisfaction so great, as in alleviating the miseries and increasing the happiness of mankind. All other pleasures are nugatory and unworthy of pursuit. To this purpose he devoted two hours every day, in all the places where he resided, to relieve the poor. To this he has sacrificed ease, health, affluence, time, studies, and property. Human nature is burthened with innumerable evils; every man should lend a helping hand to lessen the dreadful aggregate. He who can give the slightest pain to a fellow-creature, or procure advantage to himself by the sufferings of another, is an animal unworthy of existence.

BRISTOL, July 1, 1791.

ADVER-

ADVERTISEMENT

To the NINTH EDITION.

THIS Work has passed through five quarto editions at one guinea, and four in octavo. In the eighth (1788), which was Six Shillings, the prescriptions were first adjusted, and the names of the medicines altered according to the *New London Pharmacopæia*.

By omitting every thing that doth not immediately apply to practise, the Author has at length completed his design of condensing the whole into a pocket volume.

This, he hopes, will be an acceptable service to the Practitioner, as well as of intrinsic and diffusive utility to mankind.

EPISTLE



EPISTLE DEDICATORY.

To the ENGLISH APOTHECARIES.

GENTLEMEN,

THIS Treatise was originally intended for your service, and is *now* presented to you in as finished a state as I am capable of raising it to. The first Latin edition being soon disposed of in the year 1758, I was requested to give it in English; this I complied with less reluctantly, because a person had already published a translation of the prescriptions, with his own directions for their application. He was indeed by no means equal to the task; yet his motley work passed through several editions. In a lapse of above thirty years since its first publication, I have, with unremitting sedulity, made such alterations and additions as seemed necessary or useful: Attentively observing the operations of nature, confirming those observations by experience, with the advantage of a practice as extensive and as successful as that of any Physician in Europe. The result of all my observations and of infinite combinations, during the space of forty years, cannot be unacceptable to ye. Let me add, that there is not a single prescription in the subsequent pages, that you can ever make use of to the possible prejudice of any person. He that would trifle with the life or health of a

fellow creature, is an object of the severest reprehensibility.

It has afforded me great satisfaction to know that many of you, who are very eminent in their profession, have for several years administered the prescriptions in this *TREATISE*, with success equal to their most sanguine expectations. As to your pecuniary interest, I never consulted it, and consequently have no reason to expect that you should consult mine. Nor have I swerved from the Evangelical rule in that respect, having treated *you* full as well as myself. The object ever most dear to me was to mitigate the sufferings, relieve the miseries, and remove the pains of my fellow creatures; to this purpose has my life been devoted. It is with this sole view that I inscribe my work to *you*. The only favor I ever did, or ever shall request of *you* is, to dispense my prescriptions with your usual fidelity and accuracy: to say the truth, I have very seldom had any reason to complain: for *this* (as you are intitled to them), be pleased to accept the warmest acknowledgments of,

GENTLEMEN,

Your humble Servant,

THOMAS MARRYAT.

P R E F A C E.

THE publication of a new Pharmacopœia by the Royal College has rendered it necessary for the author to make some alterations in most of his prescriptions. As this was a task no one could perform for him, it was also one of the most difficult and troublesome he ever engaged in. Many of them required trials and frequent trials too, after they were adjusted to the London Pharmacopœia. The whole merit of these formulæ consists in their combinations; the least addition or alteration might create an incredible difference in their effect. Many of these prescriptions he can without hesitation, pronounce invaluable on account of those fortunate combinations.

We want, says an ingenious Scotch professor, *remedies ! remedies ! remedies !* Surely it is the peculiar province of the Physician to fabricate and apply them. It is *his* business to conjoin those ingredients, which *alone*, or taken separately would prove inert or nugatory : yet when combined by medical acumen are pointedly directed and attain energy sufficient to remove the respective disorder. In *this*, too little adverted to, the whole skill and merit of the Physician consists. There is scarce a solitary substance in nature that will remove any one disease
always,

always, brimstone excepted, even *that* cannot be depended on, if used only internally.

Has not this triplicate epiphonemā bewildered and misled many? Has it not stimulated every Scotch pupil to rummage the whole catalogue of poisons? If he can find *one*, the use of which, on account of it's deleterious quality has for some centuries been proscribed, if he is lucky enough to administer it without killing his patient, like Archimedes, he cries out Eureka and skips about in an intoxicating extasy. It is presented to the public eye, and he is flushed with the fascinating hope of seeing *his remedy* hitched up with the curious range of poisons in some future edition of that wonderful production, the Edinburgh Dispensatory.

With humble submission to the above-mentioned learned professor, we are in no want of materials, if we have skill enough to combine them with propriety. There are in the new London Pharmacopœia more than sufficient to frame a remedy from, for any disorder in it's own nature curable: as to the other sort, the unhappy patient has no chance of being discharged *cured* from any other place than the Royal Edinburgh Infirmary.

The effects of due combination are beyond measure astonishing. We may assign sufficient reasons why two powders, separately inodorous, when combined, possess the acutest pungency: or when
two

two liquids perfectly cold, as soon as united, take fire and burst into flame even in the exhausted receiver of an air-pump. In the human body there are so many chemical processes carried on, and such a variety of operations of nature, that the utmost limits of our knowledge of the *modus operandi* seem to terminate in *probability*.—Such a combination has produced such an alteration; it is highly *probable* that such a cause may produce the same effect: as for instance, I have seen a great number of cases wherein the *asafoetida* has been given in large quantities, and for a considerable time to no purpose; when joined with a *chalybeate*, it had soon the desired effect.

A person labouring under an *angina pectoris*, wheezing, snorting and struggling for existence, after every expiration, in inexpressible agonies; was entirely relieved from his distress in a few minutes by half a grain of opium *combined* with the same quantity of *cantharides*, though opiates had been given before, with aggravation of the complaint. This was a *remedy*.

Opiates exhibited *alone* will often disappoint the practitioner; combined with quicksilver, or an antimonial, or both, as the exigency of the case requires, will almost immediately answer the end designed. The same medicine joined with *kali*, *cantharides*, or *ipecacuanha*, or even chalk, according

cording to the intention and skill of the prescriber, will take an incredible effect.

The bark, that *magnum dei donum*, as Dr. Mead calls it, is too often trusted to alone and with scanty success: combined with ammonia, or kali, or nitre, or iron, or opium, according to the case, will prove a sovereign remedy, quicksilver itself requires sometimes rhubarb and sometimes opium to assist it's operations and efficacy. Guaiacum may be given in large quantities without advantage—dissolved in compound spirit of ammonia, will soon free the patient from his pains. The tartarised antimony I have lately observed has in many cases a much better and quicker effect when combined with *wine* than in any other form. This the authors of the new London Pharmacopœia were apprised of, as appears by their order to keep a *tartarised antimonial wine* as an officinal: of an ounce of this wine with two drachms of syrup if a tea-spoonful is given every three or four hours, it is the most expeditious and efficacious remedy for all fevers of children without exception. It is indeed a feast to the scientific taste to trace that exquisite skill of combining so manifestly displayed in that incomparable work. In *this* the art of healing wholly consists. To *combine* with propriety is neither to be learned from books, nor from the mouths of professors; nor is it taught even in that extraordinary seminary where every thing else is taught, the glory of the north, the wonder of the world.

He

He who would acquire it must have lain the broad basis of a liberal education, and have attained a most extensive knowledge of things. He ought to know what the learned have thought before him in former ages, and different nations. He should possess a vivid imagination, a tenacious memory and sound judgment to discriminate with precision between things discrepant and things homogeneous. He must be well acquainted with the effects of matter on matter. He should have been present at the dissection of an hundred or an hundred and fifty subjects. He must be no stranger to Botany, Chemistry, Pharmacy, or Surgery. His application must be indefatigable, and his attention to the operations of nature, calm, steady, and unremitted. He must be cautious, circumspective, and attentive to the minutest circumstances, with patience and perseverance unrelaxed. By travelling, he ought to have informed himself of a variety of things which he could never learn at home. Such a one, by continued observation and painful experience, may qualify himself to acquire the knowledge of proper and efficient combinations, consequently of the Art of Healing. From hence it is plain that this Art is to be *learned*, not to be taught. No books in the world will ever make a Physician. To facilitate the learning of it should excite the most strenuous endeavours of those whose business it is to instruct others in the preparatory sciences. To seek for specifics is inexcusable puerility, or the suggestion of desponding indolence. Like some

who being in possession of every thing they *do* want, are incessantly hunting after what they *do not* want, or that which is unattainable.

In cases of difficulty or danger, a Physician *must* be resorted to : for common disorders, the reader will find remedies in this book, and rules sufficiently plain to apply them.

I now take my final leave of the public ; for at my time of life I cannot expect to make any more discoveries of importance, especially as I feel the passion for solitude daily increasing ; it is true, existence is not worth possessing, if it doth not contribute to the ease and happiness of the existence of others. Should I be fortunate enough to mark the peculiar effect of any combination in future, an account of it will certainly be found amongst my papers, after my decease.

READER, farewell ! and rest assured that the most exalted and refined felicity springs from the disinterested and unwearied endeavours to lessen the evils of life, and add to the enjoyments of your fellow creatures.

PREFACE TO THE FIFTH,
AND FIRST EDITION IN OCTAVO

PRINTED IN BIRMINGHAM.

FROM the frequent and repeated solicitations of his friends in BIRMINGHAM, to comprize the ensuing work in a pocket volume, the Author has been induced to present the public with a treatise, which has been hitherto sold for a guinea, at the price of five shillings; nor can he think any compliment he is capable of paying to *this* town, sufficiently expressive of that great sensibility with which his heart is penetrated for their very extraordinary and indulgent partiality towards him. He hopes the exultation is no ways culpable, that springs from his heart-felt satisfaction, that none have had any reason to repent of the confidence reposed in him.

He has not the least intention of attempting to vindicate any thing in this work. Whatever is indefensible he would be the first to execrate; but it may, with safety, be asserted, that the practitioner, who makes use of the methods recommended, must be extremely unfortunate, who should be always unsuccessful.

This work was not noticed by the Monthly Review, till the publication of the fourth edition. See the MONTHLY REVIEW for April, 1775.

That

That the medicines prescribed are some of the *keenest edge tools of physic*, must be acknowledged; for, perhaps, busy minds might entertain some suspicions of the sagacity or dexterity of that workman, who should prefer the use of *blunt ones*; and, if the old adage is true, such a one stands the worst chance of cutting his fingers.

The dry vomit cannot deserve the unkind terms of *rugged* and *surlly*; for the only *teizing* or *vexatious* circumstances I have ever known to attend it, is, that it sometimes would not vomit at all; and, in cases where that effect has been necessary, I have been obliged to double the dose, even in delicate habits, before it could be procured; though, strange as it may seem, the quantity of either ingredients *alone* would have puked pretty smartly.

The Author confesses his temper is naturally sanguine, and that he may sometimes have expressed himself in terms rather too strong; but, when it is considered that he relates nothing which his eyes have not seen, some allowances should be made for said strength of expression. He would esteem that person as his best and dearest friend, who points out his faults. Whether he is right, or wrong, in his speculative notions appears to him a matter of equal moment with, whether a goose stands on her right or left leg. But whether mankind are misled in things relating to their health, is an affair of the last importance, and he would rather perish than offer any thing to the public, which could be the least deceptive on this head.

He

He thought himself the first person who ever gave vomits in internal hæmorrhages, till a gentleman, about ten years after the publication of his treatise, dispelled his vanity by putting into his hands a book, wrote by old Dr. ROBINSON, above forty years ago, wherein are related a vast number of cases, in which *he* succeeded by vomits *only*.

It may not be amiss in this place, to make some remarks on that *prima facie* absurd prescription, under the article Dysentery, of paper boiled in milk. When it was first communicated to me, by an antient Physician, on the Continent, it afforded no small employment to my zygomatic and buccinator muscles. The good-natured old gentleman, without taking any offence at my mirth, only observed, that I might, in the course of practice, meet with some things seemingly as ridiculous, which would prove of no small efficacy. Many years passed without the least thoughts of it, till being called to a gentleman's son about nine years of age, previously attended by four physicians, who could be of little service, because the child obstinately refused to take any medicines. Ashamed to mention the paper dose to any of my brethren, I asked the mother, if her son was fond of milk; she replied in the affirmative; the paper was-boiled in it; and, when I visited him the next morning, he was perfectly recovered. At that time I felt a similar sensation with honest Tristram, when he reflected on his behaviour to the poor monk. Some time after, a lady who had been seized with the most dreadful dysentery I ever saw, in a quar-

ter

ter of an hour after taking the boiled paper, was well. There is certainly nothing so common as to impute effects to causes, by no means adequate to the production of said effects. Of this error the author has been particularly cautious, even to a refined scrupulosity; but where the effect has *cæteris paribus*, invariably followed, he thought himself entitled for the future to expect it.

The large doses of volatiles and narcotics to be met with in these pages, may startle the reader. It is to be feared they are often trifled with by an inexcusable timidity. It is a certain fact, that small doses at different times, have often no good effect, and that the opportunity of saving our patient, which a large dose, at first, might have effected, is irretrievably lost. An extensive experience has convinced me, that many lives are to be preserved by an happy temerity.

With respect to the colick, or any other painful disorder, the best method of using electricity. I know of, is, first to draw a few sparks from the affected place, and then to draw the pained part into the electrical circuit; and, immediately after, to give another shock, at right angles, to the former.

The author did not chuse to adopt any systematical or regular arrangement of diseases; but those of which great multitudes have come under his care, are all treated in the subsequent manner.

A *definition* of every disease is first given, sometimes indeed not very accurate, but popular and intelligible

telligible; for his chief aim was to express himself with as much plainness and perspicuity as the nature of things would admit of.

The various *causes*, by which it may be occasioned, follow. The reader will here meet with many latent and unsuspected ones, and some that were never observed before, yet well worth his serious and careful attention.

All the *diagnostics* are subjoined, and pathognomonic symptoms, without which it cannot exist (to preclude all possibility of a mistake) to give him a competent knowledge of the difference of distempers, and enable him to treat them with certainty and precision.

The invariable *prognostics* are added to satisfy a natural curiosity which prompts us to inquire whether it will terminate in health, another disease, or death: nor is the least regard paid to any authors, unless we have seen their assertions confirmed by a series of instances and irrefragable experience.

The *cure* is the next and most important point that comes under consideration, including the regulation of the non naturals, particularly the dietetic regimen. According to the plan laid down, it is impossible to err in this case, or to be at a loss in knowing whether evacuations are necessary, and which are the most eligible. For instance, if there is too great a quantity of vital heat accumulated, and that accumulation

mulation be universal, a vein must be opened : but if it exceeds not in quantity, or the accumulation be only partial as in hectic, slow fevers, &c. nothing can exculpate the practitioner for proposing that operation.

Lastly, a variety of *prescriptions* are given, adapted to the various circumstances of the case, and *such* only as have *often* proved successful.

My attachment (perhaps too violent) to formulæ I readily confess, partly owing to the necessity of writing some scores over night, without which precaution it would have been impossible to assist the numbers of poor who applied to me in several places where I have been.

In what manner they were acquired is of little concernment to the reader ; some were discovered by accident, others originate from hints received from old physicians, though by far the greatest part are the result of severe study ; the utility of which has been confirmed by long extensive and painful experience. Such as they are, mankind are welcome to them, as I have no other object in view but their benefit. He who can conceal that which would be of advantage to millions for the emolument of a paltry individual, is a despicable wretch, that deserves very ill of society. Si quid novisti rectius istis Candidus imperti, si non his, utere mecum. HOR.

W^m Douden

(1)

THERAPEUTICS:

OR, THE

ART OF HEALING.

Of FEVERS in general.

A FEVER exists when the motion of the blood is preternaturally accelerated, which increased motion seems to be caused by an effort of nature to expel something out of the body which ought not to be retained within it; but this effect becomes a primary disease from the incapacity of nature to remove it.

By *nature* is meant that motive power by which those functions are performed, which are intirely independent on our own direction or consent; such, for instance, as the pulsation of the heart and arteries, the secretions, &c. Spontaneous actions, or those which are chiefly so, being objects of eligibility, are therefore by physicians termed *non-naturals*.

The proximate *cause* of fevers is irritation (which may occasion a spasmodic affection of the whole nervous system) commonly owing to an obstruction of insensible perspiration: when the particles of this matter are thrown back into the circulation, they may stagnate in, and plug up the extremities of the capillary arteries, or bring on spasmodic constrictions of them.

A

An

An irritation may also be owing to other causes, as acrid food or liquors, affections of the mind, hunger, the absorption of pus, any thing acrimonious coming into contact with the extremity of a nerve, intense study, agrypnia, profuse venery; propulsion of the blood into the lymphatics, which is then called an *inflammation*.

The *diagnostics* of an inflammatory fever. Parching heat, intolerable thirst, high coloured urine, without sediment; velocity, hardness and fulness of the pulse, pain in the head, side, back, or loins; a dry furred tongue, anxiety about the præcordia, difficult respiration, coma vigil and aversion from food.

Fevers generally begin with a previous sensation of chillness, shivering, or intense cold; less or more, longer or shorter, external or internal, according to the variety of subjects, causes, or fevers themselves.

The *prognostics*. Every fever terminates in *health*, *another disease*, or *death*.

In *health*, when the morbid matter is subjugated by the fever, loosened, rendered moveable, and at length expelled by insensible perspiration, sweat, saliva, vomiting, urine, or diarrhœa; a crisis usually coming on within fourteen days.

In *another disease*, when the vessels are injured by too violent an exagitation; the more fluid parts dissipated, the rest incrassated, and the critical matter deposited in vessels which are obstructed, dilated, or ruptured: hence arise pustules, red spots;

spots, erysipelas, phlegmons, buboes, schirri, exanthemata, abscesses, gangrenes, and mortifications.

In *death*, when the increased accumulation of the vital heat overcomes the elasticity of the muscular fibre, and retains the heart in its diastole; or when the fluids are destroyed by the force of the solids: hence arise inflammations, suppurations, gangrenes in the vital viscera, and aphthous ulcers in the primæ vitæ; which last, though seldom noticed or suspected, appear from dissections to be a common cause of death.

The *curative indications*. These direct to the correction and expulsion of the acrid irritating matter, with unremitted attention to the *vis vitæ*, that it may not be too much diminished; while the motion of the blood must be restrained within due bounds, and the redundance of heat expelled.

As to *regimen*, fresh air is absolutely necessary, which may be admitted by the door or windows, as often and as long as may be thought convenient: vinegar should be frequently thrown on a red hot iron in the room: nor would it be a trifling melioration of the air to set pots near the bed with some of the aromatic plants growing in them, such as lavender, rue, rosemary, or mint, but by no means to suffer any herbs which are not in a state of vegetation to continue in the same room with the patient, nor these after sun-set. Clean linen refreshes, and may safely be allowed every day, or every other day at farthest. Let

him not be confined wholly to his bed, but sit up every day, as long as he can without fatigue.

He should be plied plentifully with diluting liquids, for it is impossible that he can drink too much: what the fluid is, is not very material, provided it be taken in immense quantities: even cold water, if required, may be drank with safety and advantage. The subsequent diluents are exceeding suitable, viz. barley water, with forty drops of spirit of nitrous æther in every pint, decoction of hartshorn, cyder whey, tea prepared from balm, sage, mint, penny-royal, or mother of thyme. A lemon squeezed into a pint of water, and sweetened to the taste with treacle, is of considerable utility. Three spoonfuls of vinegar in a pint of water, sweetened with honey, is another very proper ptisan, as is also vinegar whey.

When nature verges towards a secretion, diaphoretics, or at least a warmer regimen becomes necessary to help on coction and a crisis: depuration is the work of nature: if she is languid, assist her with cardiacs, aromatics, and volatiles; then blisters are highly proper (especially to the corpulent), to quicken the circulation, dissolve the viscid and too bulky sanguineous corpuseles, and to forward secretion through the miliary glands.

When the fever is subjugated, let the patient take that which affords the smallest employment for the chylopoietic organs, with antiputrescents, salts and acids: whatever food is allowed should be given in small quantities and often repeated; spoon-meats, broth, panada, bread pudding, and
such

such like. It is a fortunate circumstance that persons, while a fever continues, seldom feel any inclination to eat; for the chyle cannot then be properly elaborated. After the ravages of a fever, and to remove that distressing languor which arises from too profuse evacuations, nothing is so proper as strong broths drank as frequently and as copiously as the stomach will bear. I have often enjoined the use of them, though the pulse continued quick and ticking, while flushings and partial heat remained, and the patients were thought to be at the last gasp, with amazing success.

If a vehement craving is manifested of *something particular* to eat, and it be often requested—let it be what it will, it ought not to be refused: in the decline of fevers, there seems to be something in these untoward hankerings of nature analogous to the pica in chlorotics, whose eager desire of chalk and tobacco pipes is by no means, as some suppose, the cause of their disorder, but the predominant acid in their stomach (the primary disorder), which naturally instigates them to feed on such things.

The *cure*. If the strength of the patient will bear it, use venæ-section.

Cooling clysters may be administered with great propriety, as,

Take of Pure nitre two drachms,
Honey of roses one ounce,
Sweet whey seven ounces.

Make

Make it a clyster. It will be found no inconsiderable auxiliary (especially for children) to bathe the feet and legs with warm water two or three times a day.

The following mixture may be drank at pleasure.

Take of Pure nitre half an ounce,
 Juice of lemons seven ounces,
 Cochineal two drachms,
 Water a gallon,
 Sugar as much as you please.

Let it be made a mixture.

On the first appearance of a fever the subsequent bolus will generally answer and remove it in a few hours.

Take of Pure nitre,
 Camphire of each a scruple,
 Conserve of wormwood half a drachm.

Make it a bolus to be taken at night, and if necessary, to be repeated the next morning, the patient being confined to his bed till the sweat goes off.

Any fever may be soon extinguished by the use of the following powders.

Take of Tartarised antimony five grains,
 White sugar (or Nitre) a drachm.

Let them be well rubbed in a glass mortar, and be divided into six powders: one to be taken every three hours, notwithstanding the nausea the first may possibly occasion. If they bring on
 a diar-

a diarrhœa, they should be still continued, and it will soon cease spontaneously.

If these are taken (which is most commonly the case) without any manifest inconvenience, let there be seven grains in the next six powders; and in the next, ten. Here I beg leave to retract what I said in the former editions of this work, viz. that till sickness and vomiting was excited, this noble medicine was not to be depended on.—For I have since seen many instances wherein a paper has been given every three hours (of which there have been ten grains in six powders) without the least sensible operation, either by sickness, stool, urine, or sweat, and though the patients had been unremittedly delirious for more than a week, with subfultus tendinum, and all the appearances of hastening death, they have perfectly recovered without any other medicinal aid, a clyster every other day excepted. I have lately seen a great many cases similar to the above, and the tartarised antimony has invariably produced the same effect.

ARDENT FEVER.

AN ardent fever is attended with a preternatural and universal heat: if it is continual and terminates in twenty-four hours, it is called Ephemera; if it should last longer, it is termed Caufus or Synochus.

The *putrid* Synochus, as the antients called it, has for its concomitants a burning heat, vehement thirst,

thirst, aversion from food, intolerable anxiety, a dry furred tongue, unnatural respiration, restless nights, and a crude, thick, or red urine without sediment.

The *cause*, as has been already remarked, is irritation. If that which ought to be expelled from the body is retained within it, a consequential putrefaction ensues, from whence the putrid synochus and other putrid diseases.

The *diagnostics*, or pathognomonic symptoms are intolerable thirst, prodigious heat over the whole body, the tongue dry, rough, yellow, or black: coarctation of the lungs, consequently difficult and laborious respiration, quickness and hardness of the pulse; pain in the head, flame-coloured urine, costiveness, anxiety about the præcordia, agrypnia.

The *prognostics*. It is most commonly mortal on the third or fourth day, or resolved by an hæmorrhage.

The face red and clammy; the urine thin, small in quantity, black or bloody; a parotis not suppurating, spasmodic constrictions of the bronchia, all forebode great danger.

But if the patient snatches, fumbles with his fingers, gathers up the bed clothes, seems to pick straws, drops involuntary tears; If purple or livid spots appear, if the hypochondres are inflated, the extremities cold, with catchings of the breath, insensibility, cold sweats, hiccoughs, rattling

rattling in the throat.—Any of these are deleterious symptoms, and most of them generally quick forerunners of the last catastrophe.

The *cure*. Assist nature in her efforts to expel the morbid matter in the same method whereby she attempts to do it, whether by hæmorrhage, vomiting, sweat, or urine.—Give great quantities of diluting liquids. Draw off blood from a *large orifice* as soon as possible, and repeat the operation according to the indication of symptoms, though after the third day phlebotomy cannot be used with propriety.

If the vital strength has been indiscreetly reduced by too frequent venæsections; on recovery, give cardiacs, volatiles, and strong broths.

When the fever remits, give the Peruvian Bark. The medicines which have been found successful in the cure of ardent fevers are to be met with below: either of which formulæ may be adopted according to the discretion of the practitioner, or the tartarised antimonial powders recommended under the article, fevers in general.

Take of pure nitre two drachms,
Compound powder of contrayerva,
Calcined antimony, of each one drachm.

Make into six powders. One to be taken every three (or two) hours. Or,

Take of prepared kali,
Pure nitre, of each a scruple,
Pure water, an ounce,
Spirit of nutmeg,
Juice of lemons of each two drachms.

A draught

A draught to be taken every third hour. Or,

Take of acetated kali, half a drachm,
 Pure nitre fifteen grains,
 Pure water an ounce and a half,
 Spirit of nutmeg two drachms,
 Compound spirit of ammonia twenty-five drops.

A draught to be repeated every three hours.

The use of *cardiacs* is not to be dispensed with even in disorders arising from a plethora; for if nature is not kindly supported, she cannot free herself from such disorders; add to which, the languor arising from necessary evacuations is sometimes fatal for want of proper strengtheners and nutritious restoratives.

INTERMITTING FEVER.

AN Intermitting fever (or ague) is one that returns after the patient is wholly free from it for one, two, or more days, with fresh and increased exacerbation.

The *causes*. A viscosity of the arterial fluid, occasioning a quicker and stronger contraction of the heart; an obstruction, or unequal distribution of the vital heat; a predominant acid in the primæ viæ; so that the cause seems rather to originate in the nervous influence, for the bark will profligate this disorder, and the same drug is equally efficacious in the removal of hysteric passions.

The

The *diagnostics*. An oscitancy, sensation of lassitude, rigor, quaking, paleness of the extremities, difficult respiration, anxiety about the præcordia, nausea, vomiting, pain in the back, loins, and limbs, the pulse quick and small, the urine thin and crude, then follow heat, flushings redness, strong pulse, intense thirst, violent pain in the head, and the urine red as in a continual fever; afterwards the patient falls into a profuse sweat, the symptoms remit, the urine grows thick, with a sediment like brick-dust; sleep and debility succeed.

The *prognostics*. Sometimes it changes its type, and is converted to a dangerous continual fever, but this is peculiar to plethoric habits. Sometimes it terminates (in cachectic habits, or if not treated scientifically) in a dropsy, jaundice, phthisis, or scirrous tumours of the abdomen; though these disorders may with more propriety be imputed to *bleeding*, than be numbered among the natural consequences of intermittents. If properly managed, it is to be subjugated with great facility.

The *cure*. If plethoric, which is very rarely the case, bleed. If there is much nausea, fullness of the tongue, a bitter taste in the mouth, or frequent retchings, give a puke immediately. The following repeated every morning, will be *alone* sufficient to remove most intermittents.

Take of blue vitriol,
Antimony tartarised, of each eight grains.

Make

Make into three powders. Let one be taken early in the morning, fasting, in a large spoon about half full of water: let the patient strain, but drink nothing with it till he ejects some yellow or porraceous matter; if his sickness doth not then go off of itself, half a glass of brandy should be taken; if that should come up immediately, the repetition of it will settle his stomach, and he may then go about his usual business.

If this method should be objected to, the bark may be administered as follows, with certainty of success.

- Take of Red Peruvian bark, two scruples,
- Crude salt ammoniac, five grains,
- Syrup of orange peel, as much as will make it into a bolus.

To be taken every third or fourth hour, during the absence of the paroxysm, washing it down with a glass of port wine, or (which is a very elegant method of dispensing it),

- Take of Red bark, one ounce,
- Extract of liquorice, two drachms,
- Oil of saffrafras, half a drachm,
- Mucilage of gum arabic, as much as will make it into an electuary.

The size of a walnut to be taken three or four times a day, during the apyrexia.

If the patient suffers under great debility, a chalybeate ought to be joined with the bark, as,

- Take of Red bark an ounce,
- Green vitriol, a drachm and a half,
- Mucilage of gum arabic, enough to make it an electuary.

Dose,

Dose, the quantity of a nutmeg, three or four times a day, in the time of intermission.

Should the bark be importunately objected to, either of the following formulæ will be found to answer expectation: the first is most proper for them whose hot fits are the longest.

Take of Prepared kali, two drachms,
Pure water, seven ounces,
Spirit of cinnamon, an ounce and a half,
Water of ammonia, half an ounce,
Tolu syrup, an ounce.

Of this mixture, let three large spoonfuls be taken every three hours, with a draught of camomile tea. Or,

Take of Elecampane root,
Flowers of sulphur, of each an ounce.
Syrup of orange peel, enough to make an electuary.

Dose, the size of a walnut, thrice a day.

As auxiliaries to expedite the cure, a tea-spoonful of one of the following bottles of drops may be given with either of the above medicines, twice or thrice a day.

Take of Water of kali, six drachms,
Water of ammonia, two drachms,

Make into drops. Or,

Take of Compound tincture of gentian, six drachms,
diluted vitriolic acid, two drachms, as before.

Or, The Tincture of snake-root, an ounce.

N. B. The flowers of sulphur (in costive habits) given in large quantities, as a table spoonful two or three times a day, will remove most agues.

P L E U R I S Y.

A PLEURISY is an inflammation of the membrane that lines the ribs, or of the intercostal muscles; the first is called the *true*, the latter, the *spurious*, or *bastard* pleurisy.

It attacks all parts of the pleura, and sometimes the mediastinum. It rarely, if ever invades children, or those who have a predominant acid in their stomachs. If owing to another disease, it is called symptomatic; otherwise idiopathic.

The *cause*, is that which determines matter to the pleura; or a metastasis of matter from other disorders, or *that* of ulcerous tumours, absorbed by the veins; or whatever is the cause of an inflammation; as, exposing the naked body to the cold air after exercise; drinking cold water when hot, a blow, a fall, a contusion; neglect of usual exercise, or customary evacuations; carrying a weight disproportionate to the strength; inflammatory disposition of the blood; a plethora.

The *diagnostics*. An acute continual fever, a hard pricking, ferrine pulse; a violent, fixed pungitive pain in the side, greatly exacerbated in inspiration: on holding the breath, or in expiration, the pain is milder; a cough almost incessant; a dry furred tongue: the respiration small, frequent, and operose; great anxiety about the præcordia; perpetual moaning, restlessness, agripnia.

The *prognostics*. If an hæmoptoe supervenes within three days, it is a sign that the disease will not be of long continuance: if later, it will
be

be the more tedious; if a spitting doth not come on within fourteen days, the consequence will be an empyema and tabes. If it appears mild on the fifth day, and is aggravated on the seventh, it generally proves mortal. The fifth day is often the last. If the expuition be of a dark brown colour, tough and excreted with difficulty, this, for obvious reasons, is a deadly symptom. The prognosis depends much on the respiration: if that is very anhelous, and the patient be really peripneumonic, though he seems hearty, speaks strong, and is in his perfect senses, yet in a few hours the shears of Atropos will perform their office. If a whitish viscous buff should appear on the surface of the drawn blood, or if it be a relapse, the case is dangerous.

If a white light spitting is thrown off, and the fever is not very high, the heat equally distributed throughout the whole body, the thirst not very intense, the expuition performed with facility, the spirits not sunk, the dozes easy, and finish without starting: these are all good signs, and where they appear, the cure is not difficult.

The *cure*. Begin with venæ-section from a large orifice, to be repeated as there is occasion, but not after the disappearance of the white crust. Give plentifully, and as often as possible, of diluting liquids, blood warm, particularly Rhenish wine-whey, or any of those recommended under the article, Fevers in general.

The tartarized antimony powders, under that article are not to be omitted. In the interim,

viz. two hours after each powder, i. e. every four hours, let one of the following draughts be given.

Take of Spermaceti (dissolved in a little of the yolk of an egg) half a drachm,
 Pure nitre, a scruple,
 Pure water, an ounce,
 Tolu syrup, two drachms,
 Water of ammonia, thirty drops. Or,

Take of Acetated kali, half a drachm,
 Pure nitre, a scruple,
 Purified salt of amber, seven grains,
 Pure water, an ounce and half,
 Syrup of marsh-mallows, two drachms.

If the form of a bolus is more agreeable,

Take of Pure nitre,
 Olibanum, of each a scruple,
 Camphire, ten grains,
 Balsam of Peru, ten drops,
 Oil of juniper, five drops,
 Syrup of marsh-mallows, enough to make them into a bolus. Or,

Take of Pure nitre,
 Rattle-snake root, of each a scruple,
 Opiate confection, enough to make a bolus.

To facilitate expuition, and appease the cough, let one of the subsequent auxiliaries be used, viz. Twenty drops of balsam of copiava on sugar, twice or thrice a day, which has no heating quality, as some suppose, but on the contrary, lowers the pulse: I have seen admirable effects from it. Or, a tea-spoonful of volatile liquor of hartshorn, which is an excellent attenuant. Or, a tea-spoonful of spirit of nitrous æther, either of these

these to be given in water, two or three times a day. This linctus may be allowed at pleasure, to abate the violence of the cough.

Take of Conserve of roses, half an ounce,
 Juice of Seville oranges,
 Oil of olives of each an ounce,
 Syrup of white poppies, two ounces.

Make it a linctus.

As topical applications are extremely necessary to remove the pain, and disperse the inspissated fluids, the reader is here presented with various forms which have proved efficacious, though perhaps a vesicatory on the part, pained, is as eligible as any of them.

Take of Water of ammonia,
 Oil of olives, of each half an ounce.

Make it a liniment, with which the affected side should be often bathed. Or,

Take of Linseed oil, an ounce,
 Camphire, half an ounce,
 Oil of anniseed, a drachm.

Make it a liniment. Or, apply the simple plaister, or the cummin cataplasm. Or,

Take of Fænugreek,
 Cummin seeds, of each an ounce and half,
 Linseed meal, an ounce,
 Honey, two ounces,
 Oil of olives, enough to make it a poultice.

Or cupping, with scarification.

QUINSY.

A QUINSY, or Angina, is an inflammatory fever, owing to a defluxion upon, or some injury done to the thorax, fauces, or lungs, which occasions a difficulty of deglutition and respiration.

It sometimes appears without any sign of a tumor, external or internal, and is then owing to spasmodic constriction, and requires the same treatment with the suffocating catarrh. That which is the object of present consideration is, when there is a real tumor in some part of the organs of the fauces, tonsils, or circumjacent muscles.

It is usually divided into four species, viz. Cynanche, when the internal muscles of the larynx are affected without an apparent tumor; Parycynanche, when the external muscles of the larynx are affected without an apparent tumor; Synanche, when there is an internal tumor impeding respiration; Parycynanche, when the external muscles of the fauces are inflamed with a tumor: there are also other species of it, such as the watery, schirrous, suppuratory, gangrenous and convulsive, as well as inflammatory Angina.

The *cause*. Stagnation of a vitiated fluid in the vessels, from whence arises a compression of the muscles, as must be the case in all inflammations. The obstruction of insensible perspiration may occasion this.

The

The *diagnostics*. Difficulty of swallowing, laborious respiration, rigidity of the neck, pricking pains about the cheeks, danger of suffocation, a violent fever, sometimes with and sometimes without a tumor.

The *prognostics*. If no swelling appears, it is dangerous. If the tumor is large and respiration very oppressed, present help must be afforded; for if the patient is not soon relieved, suffocation will ensue.

The *cure*. The regimen must be the same as in ardent or other inflammatory fevers; for we treat not under this head of the pituitous Angina. Let blood be drawn from the arm, the jugular, or the sublinguals, according to the strength of the patient. The part affected may be touched with the honey of roses, rendered acid with vitriolic acid. A lump of sugar soaked in camphorated spirit of wine may be suffered to dissolve slowly in the mouth. Use appropriate gargarisms, linctus; warm cataplasms, for warmth mollifies and dissolves; vesicatories, clysters, lenient cathartics, and if nothing else will avail, bronchotomy, which may be performed with the utmost safety; were it otherwise, such cases as these would warrant the most hazardous enterprise that could afford the least gleam of hope.

I shall now offer some medicines to the choice of the practitioner, the use of which has been attended with success. Seven drops of oil of amber on a lump of sugar, to be kept in the mouth without moving till dissolved: this has often produced an amazing effect,

Take

Take of Long pepper, an ounce,
Winter's bark,
Cloves, of each half an ounce:

Boil in a pint of new milk, and let the vapour be received into the mouth through an inverted funnel.

Take of Barley-water half a pint,
Rose-water, an ounce,
Honey of roses, two ounces,
Pure nitre, half an ounce:

For a gargle to be held in the mouth till it grows warm, and then to be spit out; to be used every three hours.

Take of litharge plaister, enough to be spread on a piece of soft leather, that may reach from ear to ear.

Take of Pure water, four ounces,
Honey, two ounces,
Spirit of wine camphorated, half an ounce,
Spirit of scurvy-grafs, two drachms,
Water of ammonia, a drachm and half.

For a gargle to be used every three hours.

Take of Florentine iris root, an ounce,
Flowers of sulphur,
Long pepper, of each a drachm and half,
Oil of wormwood, a drachm,
Rectified spirit, enough to make a cataplasm,
to be applied warm.

Give the tartarized antimony powders. See Fevers in general. Or,

Take of Prepared kali,
Pure nitre, of each a scruple,

Cochineal,

Cochineal, five grains,
 Pure water, an ounce and half,
 Compound spirit of ammonia, twenty-five
 drops.

A draught to be taken every three hours.

Take of Acetated kali,
 Pure nitre, of each a scruple,
 Volatile salt of hartshorn, seven grains,
 Pure water, an ounce and half,
 Spirit of nutmeg, two drachms,
 Sugar, as much as will make it palatable, for
 a draught, to be taken every three hours.

Twenty or thirty drops of either of the subsequent, may be used as auxiliaries, three or four times a day :

Spirit of vitriolic æther,
 Spirit of nitrous æther,
 Volatile liquor of hartshorn.

PERIPNEUMONY.

A TRUE Peripneumony is an inflammation of the lungs; the parts affected are the bronchial or pulmonic arteries, or the lateral lymphatics; the blood being either obstructed in the former, or propelled into the latter.

The *cause*. Any thing that is the cause of an inflammation, which has been already assigned under the articles Fevers in general and Pleurisy.

The *diagnostics*. A small, sometimes soft, always unequal, undulatory and frequently dicrotic pulse; swelling of the eyes and cheeks; a little frequent,

frequent, and somewhat tussiculous respiration; redness of the face, delirium.

The *prognostics*. It terminates like all other inflammations, in health, another disease, or death.

In *health*, if a plentiful yellow spitting comes on; or even if the expuition be sanguineous; if the respiration begins to be performed with greater facility.

In *another disease* (as a vomica or abscess) if the inflammatory matter cannot be resolved within fourteen days, as may be known by the cessation of pain, while the dyspnœa remains, the cheeks and lips reddening with a soft, weak and undulatory pulse.

In *death*, if both lobes of the lungs are affected at the same time; if a coma somnolentum supervenes, a prostration of the vis vitæ with grievous depression of the spirits; frequent shedding of tears; complaint of heat in the throat, coldness of the extremities, unabating delirium.

The *cure* is various, according to the different state of the disease and symptoms. Rest of body, and a little dissipation of mind, are highly requisite; as also are baths, vapours, clysters, mild cathartics; medicines, such as in pleurisy, with which in every respect, the treatment should be nearly similar, plebotomy excepted, which must be used sparingly, and with the utmost caution.

Boil

Boil elder flowers, mallow leaves, and flax-feed, in milk, and let the vapour be received into the fauces by means of a funnel.

When the matter is resolved and absorbed by the refluxing blood, great care must be exhibited, that it doth not settle on some noble part; for which purpose give attenuants, resolvents, demulcents, diluents, absorbents, diaphoretics, diuretics, or cathartics, pursuing that method of expulsion which is pointed out by nature. I shall now, according to custom, propose some remedies, the efficacy of which has been often experienced.

For common drink, let the compound decoction of barley be given, or the next.

Take of Barley decoction a pint,
Simple oxymel, two ounces,
Pure nitre, half a drachm.

The breast should be often bathed with the following embrocation, three or four times a day at least; I have seen marvellous advantage from it:

Take of Tincture of opium,
Vinegar of each an ounce,

Make a foment, to be used cold.

Take of balsam of copaiva, an ounce,

Let ten drops be taken on sugar, three or four times a day; whatever else is given, this is not to be dispensed with. A linctus may be used at pleasure, as,

Take

Take of Conserve of hips, half an ounce,
 Oil of sweet almonds, an ounce,
 Tolu fyrup, two ounces.

Take of Spermaceti (dissolved in the yolk of an egg)
 a scruple,
 Pure nitre, ten grains
 Pure water, an ounce and half,
 Tolu fyrup, a drachm,
 Compound spirit of ammonia, twenty-five
 drops,

Make a draught to be taken every two hours.

Take of Acetated kali, half a drachm,
 Purified salt of amber, seven grains,
 Cochineal, five grains,
 Pure water, an ounce and half,
 Tolu fyrup, a drachm,

Make a draught to be taken every fourth hour.

PHRENITIS.

A PHRENITIS is an inflammatory fever; attended with a constant and fierce delirium.

The *cause*. An inflammation of the brain, or its meninges, or of the septum transversum. If it arises from a primary affection of the brain, it is called idiopathic; if the brain is secondarily affected, symptomatic.

The *diagnostics*. The absurd behaviour of the patient; incoherent, wild or unmeaning discourse;

course; redness, rolling, and glaring of the eyes; throbbing, and an undulatory motion of the temporal artery, coma vigil, with an acute continual fever.

The *prognostics*. The true phrenitis is generally mortal on the third, fourth or seventh day at farthest. If it doth not exacerbate on those days, it will terminate in a lethargy, or incurable mania. In old men, or originating from an inflammation of the ilium, or lungs, it is mortal. White stools, or white urine, are the harbingers of death. Æruginous vomiting, spitting at the bye standers, gnashing or grinding of the teeth, or snatching of the bed clothes, are the forerunners of a dissolution. If accompanied with laughter, if a gentle sleep supervenes, or the delirium abates at times, a recovery may be expected.

The *cure*. It is to be taken from an inflammation, in general. Open the jugular vein, or (which is preferable) the temporal artery. Give antiphlogistic eccoproticks, as tamarinds, salts, &c. diluting nitrous draughts, clysters two or three times a day; apply emollient fomentations to the anus; if it swells, wash with rectified spirits of wine. A fœtus should be frequently used to bathe the whole head with, as,

Take of Camphorated spirit,
Compound tincture of lavender,
Vinegar, of each an ounce,

Bathe the feet and legs frequently with the fœtus communis warm. After proper evacua-
C tions,

tions, apply vesicatories to the feet, which have often exceeded my expectation.

Opiates,

Take of Tamarinds, two ounces, boil in a pint and half
of water, strain, and then add,
Currant rob,
Glauber's salt,
Juice of lemons, of each two ounces.

Of this mixture let a tea-cupful be taken every hour till a purging supervenes.

Take of Salt of hartshorn, a scruple,
Spermaceti (dissolved in the yolk of an egg)
fifteen grains,
Purified salt of amber, ten grains,
Pure water an ounce and half,

Let the draught be repeated according to the urgency of symptoms. Or,

Take of Pure nitre half a drachm,
Camphire, ten grains,
Purified opium, three grains,
Aromatic confection, enough to make a bolus.

Take of Camphire, a scruple,
Æther, half an ounce,

Let it be put into a spoon, and swallowed as quick as possible.

PARA-PHRENITIS.

A PARA-PHRENITIS is an inflammation of the diaphragm. This disease is sometimes mistaken for another, which is nothing surprising,

prising, for it requires no small degree of sagacity and medical acumen, to discriminate an affection of the stomach kidneys, colon, liver, or pancreas, from that of the midriff.

The *cause* is the same as that of other inflammations.

The *diagnostics*. An acute continual fever, attended with an inflammatory pain, which is greatly exacerbated by every inspiration, or coughing, or sneezing, or evacuation of the excrements or urine; a sensation of repletion in the stomach, nausea, deep, quick, small, suffocative, and painful respiration; perpetual, but not violent delirium, frequent laughter, risus sardonius, great anxiety of the præcordia, difficult deglutition of solids, convulsions, hiccoughs.

The *prognostics*. This disorder is always extremely dangerous. If the diaphragm suppurates, the pus either falls into the cavity of the abdomen, or breaking upwards, produces an empyema. In all other respects the prognostics are the same as in the pleurisy.

The *cure*. Clysters may be administered every hour, even if the bowels became paralytic; for they will easily and soon recover their natural tone without medical assistance. When pus is collected and matured, it must be evacuated. Endeavour to abate the inflammation by bleeding, and an antiphlogistic regimen, proceeding exactly in the same method as you would treat a pleurisy, which see.

MADNESS.

MADNESS is a total privation of the due exercise of reason, from some fortuitous injury to the organs of cogitation.

The *cause*. A preternatural accumulation of the vital heat, or nervous influence in the brain, with some impediment to its usual course from thence along its nervine conductors. It is justly called by *Galen*, intemperies ignea cerebri. Its principal seat seems to be in the cortical, while the usual determination of it to the medullary part of the brain is prevented; consequently the cerebellum not equally participating of this enlarged quantity of heat, the exit of more than the customary quantity by the par vagum to the heart is precluded; for this disorder is sometimes attended with little or no fever.

The *diagnostics*. A languid redness of the face, wildness and rolling of the eyes, ghastly staring, mischievousness, absurd discourse, a plethora.

The *prognostics*. If attended with laughter and raving, it is easier to be removed than if accompanied with sober, steady, studious fixedness of the thoughts on a particular object. There are few cases even if hereditary which will not yield to a proper method of cure.

The *cure*. Elicit the vital heat from the cerebrum, and empty those vessels which, perhaps, by their turgidness occasion that pressure
which

which prevents the usual influx by the par vagum. Open a vein; if a fever supervenes, it is a good sign, as I have often observed; this operation should be frequently repeated, for no persons can bear the loss of blood better than maniacs, nor is there any case in which it is so necessary to draw it off, and so many times. After due evacuations, apply vesicatories, particularly to the head. Draftic cathartics should be given, and emetics can scarce be exhibited too often. Hence note, that disorders of the head by no means contra-indicate the use of vomits.

In the declination of this distemper, the greatest care and attention must be paid to all the non-naturals, to preclude a relapse, which is not uncommon where these are neglected. The cold bath is then peculiarly serviceable, as is also the plentiful use of broth, which last is not improper, either in the *beginning, increase, or state* of this distemper.

Take of tartarised antimony, seven grains. Let this powder be repeated every hour 'till it vomits. I have known six of them taken without any sensible effect. Five grains at least should be given every day, and the use of the following draught continued for a considerable while.

Take of prepared kali, two scruples,
Pure water, an ounce and half,

Make a draught, to be taken twice or thrice a day. See HYPOCHONDRIA.

Practical Observations on Inflammatory Cases.

IT hath been observed by some ingenious physicians, that inflammatory disorders are by no means so common to be met with as they used to be: to assign the preventive reasons would be no easy matter, for mankind do not seem to be much more sparing in the indulgence of their appetites, more averse from wine, or more discreet in their regimen than their forefathers were. May it not with greater propriety be attributed to the increased accuracy and precision wherewith practitioners discriminate diseases, who are not so apt as they were formerly to impute every pain or flushing heat to an inflammation. The rapid improvements made in the medical art within these few years, have occasioned even the abolition of several diseases, whose imaginary existence exceedingly puzzled our ancestors.

Another observation, which is equally just and melancholy is, that when inflammatory disorders appear, they have generally a fatal termination. Is it not possible that this may, in some measure, be owing to a too hasty and frequent repetition of venæ-section? Nature will exert amazing efforts to relieve herself, when the vis vitæ is not much impaired; and I cannot help expressing my apprehensions, that in these cases, in which bleeding is absolutely necessary, it may yet be pursued so far as to incapacitate nature for carrying on the animal functions. For these ten years past I have not lost one patient by an inflammatory

flammatory fever, yet never ordered blood to be drawn more than *once* in any case, maniacal ones excepted.

As there are several other inflammatory disorders, which have not been noticed in the preceding pages, it may not be amiss to observe, that a similar, if not the same treatment, is equally proper for them all. Some indeed, as has been instanced in the peripneumony, require a more sparing use of phlebotomy than others. It is to be feared that, to a too liberal use of the lancet, that mortification may be ascribed, which so often supervenes an inflammation, as that of the ilium, easily discovered by the hasty evanescence of the pain. When there is no inflammation, or inflammatory disposition of the blood, nothing can exculpate the practitioner for drawing blood; this would be a wanton waste of the most useful and important of all fluids, and the most necessary for the support of animal life: but even in *these* cases the utmost caution is requisite, lest a putrid disorder should be manufactured from an inflammatory one. It is not an uncommon (though often an irretrievable error) to mistake an obstruction, or acrimony, or serous tumor, for an inflammation, which, if *real*, is—*when the red particles of the blood are forced into the lymphatics*, and cannot possibly exist without its pathognomonic symptoms, viz. violent and universal heat, parching thirst and restlessness, as well as pain in the inflamed part. Inflammatory disorders are far from being common, and many diseases are too often groundlessly ascribed to this cause: that the too precipitate use of the lancet has produced dreadful consequences, I have, in numbers of instances,

stances, been a sorrowful and unavailing witness to. How many have been hurried off the stage, by being bled for a pain in the side, owing to an incipient ulcer in the lungs ! There are various sorts of fevers, which mimic those of the ardent kind, in which venæ-section must be abstained from. I was in a country one autumn where one of these anomalous fevers raged, it spread only through a circle of six or seven miles diameter : it resembled, in every respect, an ardent fever, the pulse only excepted, which was neither hard nor full : every one who was bled died, and every one who was not bled recovered : it never shifted its type, though it commonly continued seventeen days. Those who took the tartarised antimony seemed to be soon freed from all febrile symptoms, yet remained weak, uneasy, and greatly out of order, without being able to tell their complaints, as long as the rest. The antiphlogistic method was pursued with them all, nitre, prepared kali, and such like, were the medicines administered, and with success ; yet phlebotomy *once* used always proved fatal.

The peremptory axiom of the famous Dr. MEAD, viz. “ in omni febre phlebotomia prius “ est instituenda,” is certainly not true, or warranted by experience.

In plethoric habits, or in *real* inflammations, from what has been observed, the reader may easily perceive what method is requisite for the treatment of any inflammatory case, in *whatever* part the inflammation may be situated.

When the pain is very intense, opiates may be safely and happily administered ; of this I
have

have given few instances in the foregoing sheets, that no countenance might be given to the indiscriminate use of a medicine, where a perfect knowledge of the case, and the discreet direction of a skilful hand, are absolutely necessary.

In painful spasmodic constrictions of the capillary vessels, narcotics are undoubtedly indicated: of all the various pretences to be their *correctors*, I believe none so well deserves that name as the prepared kali.

ERUPTIVE FEVERS.

The SMALL-POX.

THE Small-pox is a fever of the malignant and contagious kind, attended with a general eruption of particular pustules, affecting the human species only, and each individual but once. The variolous pustules in time become sanious; but those in the measles appear red, dry, and branny, without suppuration.

The *cause*. It seems to be connate with us, and to latitate until some violent exagitation of the blood, from the introduction of a variolous particle, raises the seminal ferment, and occasions the appearance of those eruptions.

The *diagnostics*. A frequent and strong pulsation of the *brachial* and temporal arteries; redness of the eyes, pricking pains in the skin, severe pain in the head, back, and loins; a febrile heat, greatly increased in three or four days, with

with thirst, vomiting, palpitation of the heart, difficult respiration, tremblings, rigor, delirium, convulsions, restlessness, hoarseness, fixedness of the eyes, a ptyalism, purple spots; bladders full of clear water, commonly called the white-hives; the pustules usually appear on the third and fourth day, and arrive at their *state* on the ninth or eleventh, in the distinct sort; in the confluent, they break forth on the fifth day, and continue till the fifteenth or twenty-first.

The *prognostics*. When the pustules come out suddenly, first red, then white; broad, round, few, distinct, plump, and sharp at the top, there is little danger. If preceded by convulsions in children, it is a good sign. If they come out irregularly, or immediately disappear, are exceeding small, confluent, or shew black spots, or a dint in the middle; if attended with a diarrhœa (in adults), difficult respiration, dry husky cough, bloody stools, or urine, continuing delirium, colliquative evacuations; these are all very bad symptoms, and most of them deadly. Adults suffer most. Gravid women generally miscarry.

The *cure*. Phlebotomy can rarely be used to advantage in any disorder attended with cutaneous eruptions; however, if a lean, phlethoric body should be invaded, and the pulse hard, venæ-section becomes necessary. The body should be kept soluble, the vis vitæ supported; let the patient have a constant accession of fresh air in his chamber, a clean shirt every other day at farthest; which may in the worst cases be allowed without any hazard; for common drink, apples boiled in water, or milk and water, equal parts;
or

or wine-whey, or cyder-whey, or vinegar-whey, or barley-water acidulated with spirit of nitrous æther, or spirit of vitriolic æther, or the compound barley decoction; the more he drinks the better. In the confluent sort, there arises a ptyalism in adults and a diarrhœa in children, either of which ought to be encouraged.

To prevent a secondary fever, give lenient cathartics, to be repeated as the strength will bear, at the distance of two, three, or four days, until five purges have been given. After the thirteenth day, the patient may drink plentifully of warm small beer. If the expuition is viscid and tough, or molests by its excess (as it will sometimes excoriate the parts) use appropriate gargarisms, syringings, or masticatories. The diarrhœa in adults, on the first eruption, should be restrained by opiates. To preserve the face from disfiguration, previous to the appearance of the eruptions, or while they are coming out, the extremities may be bathed with warm milk, or semicupia of the same may be used. The cooler the patient is kept, the fewer will the pustules be.

Emetics are of great service in the beginning. Clysters may be given occasionally: in cases when the patient is very low, on the approach of a crisis, a good effect may be reasonably expected from vesicatories. A narcotic may be administered every night in the confluent sort, and ought to be, if the patient is not comatose, such as,

Take of Pure water, an ounce,

Tincture of castor, twenty-five drops,

Tincture of opium, fifteen drops,

Compound spirit of ammonia,

Compound tincture of lavender, of each thirty drops,

Syrup of white poppies, half an ounce.

A phle-

A pægoric draught to be taken every night if necessary. A linctus is a very convenient and agreeable form to convey a medicine that may increase the ptyalism, and at the same time prevent its being troublesome. The following is extremely desirable, and may be taken as often as is required, with equal pleasure and advantage:

Take of Conserve of hips, half an ounce,
Tolu syrup,
Oil of olives, of each an ounce,
Vitriolic acid, enough to render it a gratefully
acid linctus.

If after recovery, there seems to be a tendency to a phthisis, removal is necessary into a warm dry air, and the regimen should be pursued that is recommended under that article. To prevent pitting, let this liniment be applied to the face three or four times a day:

Take of Camphire, two scruples,
Spermaceti, half an ounce,
Oil of olives, an ounce,

Make it a liniment.

It is scarcely necessary to observe, that if an hæmoptoe should appear, in the decline of the disease; the use of the bark is indicated.

It is to be hoped, that in a little time the practice of inoculating children under three months old, will become universal, and put an entire end to the ravages of this loathsome and dangerous disorder.

The

The following medicines have been peculiarly serviceable in some very alarming cases :

Take of Prepared kali, a drachm and half,
Pure nitre, half a drachm,
Pure water, six ounces,
Spirit of cinnamon,
Juice of lemons, of each an ounce,
Tolu syrup, half an ounce ;

Of this mixture three spoonfuls to be taken every sixth hour. Or either of the subsequent boles may be given every sixth hour :

Take of Compound powder of contrayerva,
Mercury with sulphur, of each a scruple,
Castor, ten grains,
Tolu syrup, enough to make it a bole.

Take of Mercury with sulphur, a scruple,
Snake-root,
Castor, of each ten grains,
Syrup of white poppies, enough for a bole.

If a draught is more eligible, one of these draughts may be taken every six hours, viz.

Take of Acetated kali,
Aromatic confection, of each a scruple,
Pure water, an ounce and half,
Spirit of nutmeg, two drachms,

For a draught. Or,

Take of Calcined antimony, a scruple,
Pure nitre, ten grains,
Purified salt of amber, five grains,
Cochineal, four grains,
Pure water, an ounce and half,

Make it a draught. Or,

D

Take

Take of Kali tartarised, a scruple,
 Pure water, two ounces,
 Tolu syrup, a drachm:

For a draught.

Slow, Nervous, and Miliary FEVERS.

THE Slow Fever is so called from the gentleness of its progress, and length of its continuance.

The Nervous Fever receives its name from a supposed morbid quality in the nervous influence, or a relaxed state of the nerves themselves, which is just as imaginary as the other. To say the truth, *nervous disorders* are a mighty handy and convenient expression to conceal ignorance.

The Miliary Fever is so termed, from the resemblance of its eruptions to millet seed.

They all proceed from the same causes and require the same method of treatment.

The *causes*. A deficiency and unequal distribution of the vital heat; consequently, a declension of the powers of nature, a lentor, visciditv of the fluids; a relaxed state of the arterial system, or spasmodic constrictions of the capillary arteries, some error in regard to the non-naturals.

The *diagnostics*. Chills and flushings, lassitude, nausea, prostration of the strength and spirits, listlessness, heat in the palms of the hands and soles of the feet (a certain sign of bradypepsy), while all the rest of the body is cold, and emaciates

ates fast ; a sensation like cold water thrown down the back, the pulse quick, weak, and unequal, pale urine, coma, heat and dryness of the tongue, sometimes with and sometimes without thirst ; miliary eruptions, anxiety, tinnitus aurium ; cold, clammy, or colliquative sweats ; convulsions, delirium, subfultus tendinum.

The *prognostics*. All the symptoms are exacerbated towards night, a tingling noise in the ears is generally the forerunner of a delirium ; a copious spitting, or gentle breathing sweats are good signs ; profuse sweats are bad ones ; insensibility, twitchings of the tendons, involuntary evacuations of the excrements, urine, or tears, are preludes to the last catastrophe.

The *cure*. All evacuations are inadmissible, vomits only excepted ; sometimes very lenient clysters, such as new milk and sugar, may safely be administered, if nature inclines to stool. Give mountain wine whey, meat broths strong as the stomach will bear ; jellies, panada, with spice, wine, or brandy in it ; such things as these may be often offered, though ever so little is taken at a time : the medicines necessary are attenuants, restoratives, nervines, and cordials. If the sweats are profuse, let warm napkins be frequently applied to the neck, breast, and abdomen ; for though gentle sweats are of service ; when they become profuse, they only tend to the dissolution of the patient in a double sense : in this case red port wine and water may be allowed. The neck and breast should be examined every day, for eruptions commonly appear in those parts first ;

D 2

their

their portent is good, and they indicate the use of cardiacs.

Take of Ipecacuanha, three grains,
Antimony tartarised, one grain.

Let this powder be taken every morning, out of a spoon half full of water: nothing should be drank either during the operation, or until the nausea goes off spontaneously. Many unexpected recoveries have been owing to this powder alone. The following also have been amazingly efficacious,

Take of Aromatic confection,
Castor, of each a scruple,
Precipitated sulphur of antimony, three grains,
Syrup of ginger, enough to make a bolus.

To be taken every fourth hour, washing it down with three spoonfuls of the following julep:

Take of the Camphire mixture,
Musk mixture, of each four ounces,
Volatile liquor of hartshorn, half an ounce.

Or,

Take of Compound powder of contrayerva,
Musk, of each a scruple,
Tolu syrup, as much as is sufficient to make it a bole.

To be taken every sixth hour, washing it down with this draught;

Take of Salt of hartshorn,
Aromatic confection of each a scruple,
Pure water, an ounce and half,
Spirit of nutmeg, half an ounce.

The Bark, when proper.

Putrid,

Putrid, Malignant, and Petechial FEVER.

THESE may be classed together in the same manner with the last three, because they are each produced by similar causes, and require very little, if any difference, in the method of treating them: to this class also belong the gaol or hospital fever, and the pestilence.

The *cause*. A putrescent acrimony, or infectious miasmata. The obstruction of insensible perspiration is no uncommon cause of putrid fevers; for the retention of those particles within the body which ought to have been thrown out of it, may, and often does, occasion a speedy putrefaction, especially when there is the least pre-disposition in the fluids to such a dissolution.

The *diagnostics*. Pain in the temples or orbit of the eye; the eye heavy, yellowish, or somewhat inflamed; the face bloated, and of a cadaverous aspect; faintness, operose respiration, frequent sighing, erratic pains, the pulse small, sometimes quick, and sometimes the same as that of a person in perfect health; black tongue, bitter taste in the mouth, crude vapid urine; livid petechiæ from the extravasation of grumous blood in the cellular membrane, vibices, aphthæ, furred lips and teeth, little thirst, tinnitus aurium, lumbago, colliquative evacuations.

The *prognostics*. A mild diarrhœa is serviceable; the petechiæ florid, a smarting red rash, scabs on the nose or lips, watery vesicles,

are all good symptoms. Black urine, or stools, small dusky spots, dun, or greenish; a lurid efflorescence, large livid blotches, black vibices, sweats profuse, cold or clammy; griping and bloody stools, coma and coldness of the extremities, are all symptoms of an approaching dissolution.

The *cure*. The intestinal canal may be cleansed, and the drain kept open by small doses of rhubarb. The regimen necessary is much the same with that in the preceding chapter, particularly with respect to wine, though Rhenish is generally the most eligible, but in case of colliquative evacuations red port is preferable; give also freely of the vegetable and mineral acids, particularly the muriatic, Peruvian bark, astringents, antiseptics, camphire and opiates. Let vinegar be frequently thrown on a hot iron in the room, and a little of the bark of cascarilla be now and then burned in it. Volatile alcalis may be used sparingly; but throughout the whole stage of this disorder, withhold the lancet, as you tender the life of the patient. The formulæ subjoined have been peculiarly successful:

Take of Red bark, half a drachm,
Camphire, three grains,
Syrup of saffron, enough to make a bole.

To be taken every fourth hour, drinking after it three table spoonfuls of the following mixture:

Take of Pure water six ounces,
Spirit of horse-rhadiſh,
Vinegar, of each two ounces,
Sugar, as much as you please.

Or,

Or,

Take of Compound powder of contrayerva, two drachms,
 Tormentil root,
 Myrrh, of each one drachm,

Make into six powders ; one to be taken every fourth hour, with the subsequent draught :

Take of Pure water, an ounce an half,
 Lemon juice, half an ounce,
 Cochineal, five grains,
 White sugar, what you please.

Or,

Take of Red bark, half a drachm,
 Opiate confection, from ten grains to half a drachm,
 Syrup of saffron, enough to make a bole.

To be taken every sixth hour, and washed down with the above draught. Or,

Take of Bark of eleutheria, half a drachm,
 Winter's bark,
 Myrrh, of each a scruple,
 Syrup of saffron, enough to make a bole,

To be used as the former.

The tartarified antimony powders and opiates, to restrain the diarrhœa, if requisite, or Norris's Drops.

PUTRID SORE THROAT.

THE Putrid Sore Throat, is a disorder of the malignant kind, which has not been perfectly described or known 'till within these few years.

The

The *cause*. A putrid diathesis of the fluids.

The *diagnostics*. Fulness and foreness of the throat, a sensation of stiffness in the neck, redness of the arms, hands, or breast: frequent sighing, nausea, anxiety about the præcordia, languidness, great dejection, repeated sneezings, agrypnia, thin crude urine, a pulse quick and small, bloated countenance, swelling of the maxillary and parotid glands and tonsils, ulcerations, sloughing of the ulcers.

The *prognostics*. The prognostics depend on the progress of the putrescent acrimony, and on the respiration.

The *cure*. All evacuations are deleterious, especially phlebotomy. It requires a similar treatment with other putrid fevers, but is the least rebellious of them all, for the cure is not very difficult. As it is sometimes epidemical, the best orvietan or preventive perhaps is to drink freely of red port; at a time when it was exceeding ripe, they who used this prophylactic escaped the disorder. Cordials and gargarisms seem the only necessary aids, as,

Take of Aromatic confection, half a drachm,
Castor, a scruple,
Pure water, an ounce,
Spirit of nutmeg, two drachms,

A draught to be taken every fourth hour. Or,

Take of Aromatic confection, a scruple,
Snake-root,
Castor, of each ten grains,
Syrup of saffron, enough to make a bole.

To

To be swallowed every fourth hour.

Take of Compound barley decoction, an ounce,
Tincture of myrrh,
Red wine,
Honey of roses,
Vinegar, of each half an ounce,

For a gargle, to be used occasionally, or every two or three hours. Or,

Take of gum arabic, two ounces,

Dissolve in one pint of pure water, for a gargle; to which may be occasionally added as much vitriolic acid as is agreeable. If the ulcers spread and increase, add to the above solution four grains of muriatic mercury, dissolved in five drops of the muriatic acid. Beware of the use of nitre in this disorder.

THRUSH.

APTHÆ, or the Thrush, are little ulcerous tubercles, which affect the inside of the mouth, stomach, and intestines.

The *cause*. A saline, viscid, or acrimonious lymph.

The *diagnostics*. They appear first on the tongue, or in the corners of the mouth.

The *prognostics*. If white, pellucid, thin, scattered, and superficial, they are of little consequence:

sequence: if brown, opaque, black, thick or run together, they forebode some danger. When they have passed through the body, and appear at the anus with excoriation, apply melasses.

The *cure*. Assist nature as in other fevers. They are often fatal to adults: whether they who escaped them in their infancy are the only persons liable to be attacked by them is at least problematical. The treatment is the same with that of the miliary fever. The following gargle is excellent for infants, viz.

Take of Gum arabic, two drachms,
Lime water, an ounce and half,
Tolu syrup, two drachms,

It may be used every hour, and if swallowed can do no prejudice to the child.

Take of Pure nitre, a drachm,
Three whites of eggs,
Rose water, six ounces,
Tolu syrup, an ounce,

Let it be made a gargle for adults, to be used occasionally; or the following, which will answer the same purposes:

Take of Gum tragacanth, a drachm,
Pure water, seven ounces,
Honey of roses, one ounce,
Vitriolic acid, twenty-five drops.

MEASLES.

THE Measles require a treatment not much different from the small-pox. They are both natives of Africa.

The *cause*. Infectious miasmata sui generis.

The *diagnostics*. Small, dry, red spots, like flea-bites; they never suppurate, but arrive at their state in four days; an almost perpetual cough, weakness, foreness, or running of the eyes, swelling of the eye-lids, running of the nose, convulsions.

The *prognostics*. It is not a dangerous disorder, if not rendered so by mismanagement.

The *cure*. Nature is the best physician in this case; nor does she stand in need of any medicines to assist her. Venæ-section appears to be highly improper, and is most certainly often productive of the most disagreeable consequences; I never ordered it in my life in this case, yet never lost *one* patient in the measles; nor to say the truth, did I ever hear of one that died who was *not* bled. If convulsions precede or accompany the eruption, they are by no means a bad prognostic; the tincture of asa-fœtida may then be given with great advantage, fifteen or twenty drops three or four times a day. The linctus under the article small-pox may be used at pleasure; as in the small-pox, the little patient cannot be kept too cool. The drink may be cyder-whey, vinegar-whey, butter-milk; or, for weakly children,

dren, thin broth. Medicines are seldom necessary during this disorder; but as soon as the eruptions begin to disappear, cathartics should be exhibited, as in the small-pox, which, for obvious reasons, are necessary after all eruptive fevers. The subsequent drops are of great efficacy in removing the cough which so often remains after the measles.

Take of balsam of copaiva, an ounce,

Let ten drops be taken on brown sugar morning and night.

SCARLET FEVER.

THE Scarlet Fever is so called on account of the color of the skin, or the large, red, vivid blotches in it.

The *causes*. Viscidity, acrimony, an unequal distribution of the vital heat; the protrusive force of the heart overcoming the resistance of the solids, wherefore children are most subject to it. It seems to be in some degree infectious.

The *diagnostics*. They appear from the definition.

The *prognostics*. If attended with anxiety, dejection, or oppression at the pit of the stomach, the liberal use of cardiacs is indicated. It is seldom dangerous if left to nature, without any officious interposition. To drink plentifully of diluting liquids, and to be kept cool, is all that
is

is requisite. Many children have perished by the use of the lancet, which is intended to remove that straitness and suffocating sensation so common in this disorder; but these do not originate from repletion, but from depletion: a little tartarised antimony, and cordials, are the most eligible remedies.

The *cure*. Let wine-whey be given freely. The patient should not be kept warm: let his linen be shifted every day. After the third day one of the following formulæ may be used:

Take of Calcined antimony,
Acetated kali, of each a drachm,
Pure water, seven ounces,
Spirit of nutmeg,
Tolu syrup, of each, one ounce.

A mixture, one or two spoonfuls to be taken every sixth or fourth hour. Or,

Take of Aromatic confection, two drachms,
Calcined antimony, one drachm,
Purified salt of amber, a scruple,
Pure water, seven ounces,
Spirit of nutmeg, two ounces,
Tolu syrup, an ounce.

A mixture, of which two spoonfuls may be given every fourth or third hour.

Take of Spirit of nitrous æther, an ounce.

Let twenty drops be given in every draught of liquid that the patient takes.

PHTHISIS.

APULMONARY Phthisis, or consumption, is owing to an ulcer in the lungs, whereby the whole body is gradually emaciated and consumed.

The *cause*. That (whatever it is) which occasioned the stagnation of the blood in the lungs; 'till it is converted into purulent matter; this may be owing to a teneritude of the arterial vessels, an acrid blood, debility of the fibres of the viscera, long neck, straight breast, depressed scapulæ, an ulcer in the liver, spleen, pancreas, kidneys, mesentery, or uterus, a metastasis of matter, neglect of customary exercise.

The *diagnostics*. A slight fever, generally exacerbated towards evening; too great, but particular heat; flying stiches, hectic flushing, pain in the stomach or breast, pain in the side, the patient lying with most ease on the affected side; hereditary disposition, the age from sixteen to thirty-six; indigestion, frequent spitting; night sweats, particularly profuse towards morning, sensation like cold water thrown down the back, diarrhœa, a bloody, frothy, or fœtid expectation, wasting of the flesh, languor, lassitude, peevishness, great unevenness of temper, sudden starts and bursts of joy terminating in tears, incurvation and lividness of the nails, quick and interrupted respiration; a teasing and almost incessant cough, worst in the night, aversion from food, facies Hippocratica.

The

The *prognostics*. An hereditary phthisis is the most dangerous. If the cough is very troublesome, the respiration operose, the saliva stinking, the ancles swelled, the body much wasted, the evacuations colliquative, and the countenance Hippocratic, death seems to be approaching with hasty strides. A phthisis attended with a total obstruction of the catamenia, produced by bleeding, is absolutely incurable. A phthisis in which the vomica breaks suddenly, the expuition white and cocted, the appetite and digestion tolerably good, is easily curable.

The *cure*. Bleeding is inadmissible: The non-naturals require the strictest attention. New milk should be taken for breakfast and supper; if it purges, it must be boiled; cow's milk is preferable to that of asses; goat's whey is too diluent, and I have seen several fatal effects from the use of it. Meat broths may be taken as strong as the stomach will bear, particularly of pork; jellies prepared from any animal substance should be taken as often as possible. Let the patient ride on horseback every morning, if too weak to sit alone, he must be supported by one that rides behind him, for riding in a morning is absolutely necessary. A warm, dry, clear air, the Bristol waters, Spa water, or for common drink, infusion of linseed, decoction of bran, or for change, sago, salep, or chocolate. Tea prepared from colts-foot flowers, and sweetened with honey, I have no small reason to recommend the use of; snails or earth worms boiled in milk are serviceable, as are shell-fish of all sorts, wild fowls, generous wine and spices. Conserve of red roses may be eaten to the quantity

tity of two or three ounces in a day, with vast advantage. Acids are sometimes serviceable, stomachic plaisters, a Burgundy pitch plaister between the shoulders, to be kept on for some weeks; vesicatories, but above all things the dry vomit, as,

Take of Tartarised antimony, three grains,
Ipecacuanha, ten grains,

Make into three powders: let one be taken in a morning fasting, twice or thrice a week, not drinking any thing during the operation. Or, if the diarrhœa is very violent,

Take of Ipecacuanha, four grains,
Blue vitriol, one grain.

Let this powder be taken (as before) every morning.

In an incipient ulcer of the lungs, when the pain in the side has been exceeding troublesome, recourse has been often had to the lancet, which is the ready way to bring on an incurable phthisis. I appeal to the conscience of the practitioner, whether he has not frequently experienced this consequence.

N. B. When an ulcer in the lungs is formed, the urine discharged at night is very turbid the next morning. The balsam of copaiva ought never to be omitted in the cure of this disorder; let twenty drops be taken on sugar in powder every night and morning. If the diarrhœa is not excessive, as it seldom is at the beginning of a phthisis. I have often found that the subsequent mixture will carry off the hectic, which generally terminates in the appearance of a rash:

Take

Take of prepared kali,
 Calcined antimony, of each a drachm,
 Pure water, seven ounces,
 Spirit of nutmeg, two ounces,
 Compound spirit of ammonia, half an ounce,
 Tolu fyrup, an ounce,

of this mixture, let two spoonfuls be taken every sixth or fourth hour. Or,

Take of prepared kali, two drachms,
 Mint-water, seven ounces,
 Tolu fyrup, an ounce.

A mixture. Three spoonfuls to be taken twice or thrice a day, to which may be added (if the diarrhœa is excessive) half an ounce of tincture of opium camphorated.

If the diarrhœa should prove, as it often does, the most troublesome and dangerous symptom, it should be restrained by opiates; as three, four, or five grains of the opiate pill, and as many of rhubarb, which may be taken at bed time, to be repeated occasionally: or,

Take of Afa-fœtida,
 Precipitated sulphur of antimony,
 Myrrh, of each a scruple,
 Pure opium hard, four grains,
 Simple fyrup enough for twelve pills,
 Two every night, or oftener.

a scruple of the astringent red gum may be used for the same purpose, or the same quantity of the tormentil, or bistort root; but the boles and sealed earths are worse than useless,

Take of blue vitriol, five grains,

Dissolve

Dissolve in an ounce of tincture of cantharides. Of these drops, let twenty be taken twice a day, increasing the dose one drop at a time, till it amounts to a tea-spoonful. They have often effected wonders; but with this, or whatever other medicine is used, let not the balsam of copaiva be neglected, I shall subjoin two more formulæ, from which also I have experienced the most desirable consequences:

Take of Red bark, six drachms,
 Extract of liquorice, two drachms,
 Oil of aniseed, forty drops,
 * Filings of iron, two scruples,
 Mucilage of gum-arabic, as much as is sufficient to make an electuary.

The size of a walnut to be taken night and morning.

Take of Gum ammoniac, a drachm,
 Precipitated sulphur of antimony, two scruples,
 Squills, ten grains,
 Filings of iron, one scruple,
 Simple syrup, enough to make it into pills,

Number thirty-two; let two or three be taken night and morning. See cough, and the following.

* Or, nitre, two scruples—as the hectic is less or more.

E M P Y E M A.

AN Empyema is a collection of pus or matter in the cavity of the thorax.

The *cause*. The rupture of a vomica: this proceeds from an inflammation, bruise, or wound (if closed too soon), of any of the five parts, viz. the lungs, pleura, diaphragm, mediastinum, or pericardium.

The *diagnostics*. Twenty days from the time that the inflammation began; from the signs of the disappearance of a vomica, a new pain, dry cough, sensation of pressure on the midriff, lying with ease on one side only, viz. on *that* where the matter is congested, a slow fever, expuition of purulent matter, thirst, the face flushed, the eyes hollow, redness of the cheeks, swelling of the abdomen; on leaning forwards, danger of suffocation.

The *prognostics*. If the pus is whitish and of good consistence, the expuition easy, the respiration free, and the mind calm, these are all good signs; but if after the rupture there be an accumulation of pus, putrefaction of the fluids, sanious stools, and hipocratic countenance, it will prove fatal.

The *cure*. To determine the pus externally must be attempted at all events, by proper medicines or cutting; the operation is to be performed between the third and fourth rib, behind,

hind, numbered from below.* In the mean time keep the body open and give terebinthines, as,

Take of Common turpentine,
Olibanum, of each quantity what you please.

Form into a mass of pills of five grains each; three to be taken twice or thrice a day. Or,

Take of Red bark, an ounce,
Balsam of Copaiva,
Spermaceti, of each half an ounce,
The yolk of an egg,
Honey of roses, as much as is sufficient to
make an electuary;

The size of a nutmeg to be taken twice or thrice a day.

H A E M O P T O E.

A Spitting of blood is sometimes an idiopathic disease to which some persons are subject at times for many years, without any manifest inconvenience.

The *cause*. Teneritude of the fibres of the lungs.

The *diagnostics*, or concomitant symptoms, are sensations of soreness in the breast, of weight in the diaphragm, a husky cough, pallid countenance,

* I have known it often to succeed, though sometimes the patient dies tabid. After the operation, use detergent injections every day of barley-water well acidulated, and keep open the wound some weeks with a leaden canula.

countenance, lank hair, flabbiness of the flesh, dislike to exercise.

The *prognostics*. Bleeding generally ensures a severer return, or brings on an incurable phthisis. If that evacuation has not been premised, the cure is not difficult.

The ingenious Monsieur Le Sage has, in his usual sprightly manner, graphically delineated a scene wherein the Grim Monarch is represented with awful dignity, conferring the doctoral cap on all those medical students who take a solemn oath never to deviate from the present method of practice, and ranking them among the number of his truest and dearest friends. In *his* time and country, the picture bore no very enlarged features; but in this enlightened age, and in a nation teeming with philosophers, who will take nothing on trust, whatever deference may be due to a generally received opinion, it can certainly be no unpardonable crime to call the propriety of it in question; and if it is found unsupportable by experiments, to militate against it. Of this kind, it is presumed is that too general one of the necessity of blood-letting in internal hæmorrhages, which I have often seen to prove highly pernicious and productive of fatal consequences. Of what signification is it whether a person loses his life by bleeding from a natural or artificial orifice? I once knew a family, of which two brothers and two sisters were each at different times seized with an hæmoptoe; they were all bled five or six times, and not one of them survived many weeks after their
respective

respective attacks ; another brother was taken in the like manner, who suspecting the effects of the lancet, applied to me, and although he at that time laboured under a confirmed lues, he was soon (without bleeding) restored to, and still continues in perfect health.

Innumerable instances have I been witness to, of the most alarming hæmorrhages, which have all yielded to the use of vomits, and the method laid down below, without a single application of the lancet : if then (as is evident) phlebotomy is not necessary to the cure, is it not more eligible to preserve that important fluid, than to lavish it away without cause, and thereby destroy the health and shorten the lives of those who commit themselves to our care ?

The *cure*. I never failed of success with those who had not been bled. The first thing given was always the dry vomit, as,

Take of Tartarised antimony,
Blue vitriol, of each two grains ;*

This powder should be taken in a spoon half full of water ; let the patient strain, which straining he may provoke if necessary, with his finger or a feather, but drink nothing until he throws up some yellow or porraceous matter, and if his sickness does not then go off, half a glass of raw brandy will settle his stomach ; if that should be returned immediately, which is sometimes the case,

* The tartarised antimony may be given first, and as soon as the nausea commences, the vitriol immediately exhibited.

case, a repetition of the same will answer expectation. Give twenty drops of the balsam of Copaiva, night and morning, for several weeks, to prevent a return, and the following electuary :

Take of Red bark, six drachms,
 Flowers of sulphur, three drachms,
 Pure nitre, one drachm.
 Precipitated sulphur of antimony, a scruple,
 Mucilage of gum arabic, enough to make an
 electuary.

The size of a nutmeg to be taken twice or thrice a day. So long as the spittle is in the least tinged, the following mixture should be used, which may from the first invasion be drank at pleasure :

Take of Gum arabic, two ounces, dissolve in pure
 water, a pint,
 Pure nitre, two scruples,
 Tolu syrup, an ounce.

Of this mixture four large spoonfuls may be taken every two or three hours. A scruple of roach-allum may be given occasionally. Or the red astringent gum. The conserve of roses may be taken at pleasure.—See WEAKNESS OF THE SOLIDS.

HÆMORRHAGES.

ALL Hæmorrhages (the piles only excepted) require precisely the same treatment with the foregoing article, which see. In acute disorders, internal hæmorrhages proceed from a plethora,

a plethora, but I never yet met with one instance of a chronical hæmorrhage in a plethoric habit.

H I C C O U G H.


THE Hiccough is a convulsive motion of the stomach and midriff.

The *cause*. An acrid irritating matter, adhering to the left orifice of the stomach: the diaphragm is affected by consent of parts. Sometimes repletion may occasion it, and sometimes depletion.

The *diagnostic* is sufficiently obvious.

The *prognostics*. Sneezing generally removes it, or compression of the artery at the wrists; or frequent sipping of any liquid, or stopping both ears for a minute or two, or holding the breath, or a sudden fright, or fixing the eyes intensely on an object in an oblique direction. Proceeding from wounds, profuse evacuations, in asthmas, or at the close of a malignant fever; it is always a dangerous, and often a deadly symptom.

The *cure*. Emetics and cathartics are indicated, if it arises from repletion; if from depletion, diaphoretics, diuretics, opiates, clysters, and fomentations; as the common fomentation, or tincture of opium and vinegar, of each equal parts, to bathe the pit of the stomach with. Of the following formulæ, the practitioner may select that which is the best adapted to the case.

 In

☞ In the decline of fevers, give a tea-spoonful of the diluted vitriolic acid in a glass of water frequently.

Take of the Musk mixture, five ounces,
Tincture of castor, two drachms.

For a draught, a tea-spoonful of these drops may be taken, and repeated pretty often, if necessary.

Take of Compound tincture of lavender, six drachms,
Compound spirit of ammonia, two drachms,

For a bottle of drops.

Take of Prepared kali, two scruples,
Tincture of cardamoms, two drachms,
Pure water, an ounce and half,
Spirit of horse-rhadiſh, two drachms.

A draught to be repeated as there is occasion.

Take of Vitriolated natron, one ounce,
Pure water, seven ounces,
Tincture of asafoetida, half an ounce,
—————Opium, a drachm.

A clyster,

Take of Salt of hartshorn,
Aromatic confection, of each a scruple,
Musk, fifteen grains,
Oil of mint, five grains,
Syrup of orange peel, enough for a bolus.

Take of Castor,
Musk, of each a scruple,
Oil of cinnamon, three drops,
Purified opium, two grains,
Syrup of saffron, enough for a bole.

Either of the above boles may be given according to the urgency of the symptoms.

E R Y S I P E L A S.

ERYSIPELAS, or St. Anthony's Fire, is an external inflammation, which generally affects the face, and sometimes the breast. St. Anthony was supposed, like many of our modern saints, to take great pleasure in adding to the miseries of mankind; but in these times, we readily exculpate said saint from having any hand in the infliction of this disorder.

The *cause*. Those which produce an internal inflammation, or an acrid humour, heats and colds, errors in the non-naturals, an obstruction of any customary evacuation.

The *diagnostics*. Swelling of the part, with pain and redness; inflammatory pimples; if pressed lightly by the finger, the appearance of a white spot.

The *prognostics*. It is removable without much difficulty; is no ways dangerous, unless the eruptions are repelled by cold, and then very disagreeable consequences may ensue.

The *Cure*. Being a cutaneous disorder, venæsection may be dispensed with, which cannot be necessary when any eruptions appear on the skin. It is a common observation with ignorant practitioners, that the blood which they have let is exceeding bad, and it is much better such blood should be out of the body than in it: if this argument were worthy of refutation, it might
be

be asked, Whether drawing off a pint or two from a pipe of bad wine, would have any tendency to meliorate the remainder? Dr. Sangrado's method was much more plausible, in taking away the whole mass, and refilling the vessels with the bland warm element. If the blood is bad, it must be mended in the body, and the use of proper alteratives is indicated; but to decrease the quantity of it, is to lower the vital powers, to render nature incapable of performing her necessary functions, and to preclude the good effects of those alteratives, which might afterwards be administered.

Diaphoretics will greatly assist nature in expelling that which is offensive; diuretics are exceedingly serviceable in this disorder; mild cooling cathartics also are of considerable utility. As for example:

Take of Elder rob, an ounce,
Pure nitre, half a drachm,
Pure water, five ounces,

A gently sweating potion to be taken at night going to bed.

Take of Spirit of nitrous æther, an ounce.

Of these drops let a tea-spoonful be taken twice or thrice a day.

Take of Vitriolated natron, ten drachms,
Purified salt of amber, seven grains,
Pure water, three ounces and a half.

For a purging draught, to be taken in the morning.

As external applications will expedite the cure, the reader is presented with several efficacious ones below ; though, perhaps, wetting the parts two or three times a day with camphorated spirit of wine, is not inferior to any of them.

Take of the internal elder bark, two ounces, boil in a pint and half of water to a pint; then add of

Soft soap, an ounce and half,

Make a fomentation, to be used night and morning. Or, the decoction of hellebore.

Take of Camphorated spirit, an ounce and half,
Compound tincture of lavender, three drachms,
Oil of amber, one drachm.

A liniment to be used morning and night. Or,

Take of Water of acetated litharge, forty drops,
Rose water, five ounces,

A lotion.

Take of Camphorated spirit, an ounce,

To be applied three or four times a day; as soon as the parts are dry, rub on a little of the following liniment :

Take of the Ointment of white calx of mercury, an ounce and half,
Essence of lemons, twenty drops.

Make it a liniment.

NEPHRITIS.

NEPHRITIS.

A NEPHRITIS, is an inflammation of the kidneys.

The *causes*. The same as of other inflammations: whatever plugs up the extremities of the capillary arteries; a wound, a bruise, an abscess, a tumor, lying too long on one side, a calculus, whatever hinders the free passage of the urine; whatever forces the thicker parts of the blood into the urinary canals, as riding hard, running, leaping, or a plethora.

The *diagnostics*. Difficulty of, or uneasiness in making urine, sensation of heat in making it, perpetual inclination to make it, total suppression of it, a fever, numbness of the thigh from an affection of the psoas muscle, bilious vomiting, costiveness. A Nephritis is always attended with a fever; a calculus not always. In a Nephritis the pain is continual; in the calculus, or fit of the stone, the pain intermits.

The *prognostics* are much the same as in other inflammatory disorders. To persons in years, it is most commonly fatal; the patient often falls into a tabes dorsalis; sometimes a schirrus is formed; sometimes it is succeeded by a palsy, or incurable lameness, a dropsy also, and atrophy. If a calculus is formed from the concretion of the fabulous saburra too bulky to pass through the ureter, the case is helpless, unless it is extracted

by the knife; this operation has been performed, but never with success, as the author ever knew or heard of.

The *cure*, as in other inflammations, venæsection, diluting liquors, emollients, antiphlogistics, clysters, fomentations, lenient cathartics, femicupia: if the pain is very excruciating, opiates: Diuretics, nitre excepted, are improper at first; for common drink, the almond milk.

Take of Syrup of marsh-mallows,
Oil of olives, of each an ounce,
Compound spirit of ammonia, two drachms,
Pure water, seven ounces, by agitation,

Make an emulsion, three spoonfuls to be taken every fourth hour.

Take of Venice turpentine, half an ounce,
The yolk of two eggs,
Pure water, five ounces,
Linseed oil, three ounces,
Oil of turpentine,
Oil of aniseeds, of each a drachm,
Syrup of marsh-mallows, two ounces.

A clyster.

As soon as bloody water is evacuated, give honey and oil of olives, of each an ounce, for a draught, and let twenty drops of balsam of copaiva, or of balsam of Peru, be taken on sugar thrice a day.

Take of Venice soap, four scruples,
New milk, two ounces,
Pure nitre, a scruple,
Syrup of marsh-mallows,
Alcohol, of each two drachms,

Make

Make a draught, to be repeated twice or thrice a day.

Take of Pure nitre, a scruple,
Purified salt of amber, ten grains,
Pure water, an ounce,
Tolu syrup, a drachm,

A draught to be taken every third hour.

Take of Ointment of hog's lard, an ounce,
Oil of turpentine, two drachms,

A liniment, with which the loins may be anointed two or three times a day.

Take of Magnesia alba,
Spermaceti,
Rhubarb, of each two scruples,

For six powders. Let one be taken every fourth hour, (till the body is sufficiently open.

Take of Gum arabic, two ounces,
Pure water, a pint,
Acetated kali,
Syrup of marsh-mallows, of each half an ounce,

A mixture, of which let three spoonfuls be given every three hours.

Take of Chio turpentine (dissolved in the yolk of an egg) half a drachm,
Spermaceti,
Acetated kali, of each two scruples,
Pure water, an ounce and an half,

A draught to be taken every fourth hour.

Take

Take of Gum arabic,
Spermaceti, of each a drachm and half,
Acetated kali, one drachm ;

For six powders, one of which should be taken every two hours.

If the pain is exceeding great ; as it often is, give three grains of pure opium.

ULCER in the KIDNIES or BLADDER.

THE *cause* of an ulcer in the above-mentioned is either a calculus, or something corrosive received into the stomach, venereal virus, scorbutic diathesis, contusion, inflammation, obstruction, or erosion.

The *diagnostics* of an ulcer in the kidneys are bloody urine of a foetid smell, with scales in it ; sanious, or purulent urine. In this case rhubarb in small doses, frequently given, is an admirable medicine.

Ulcers in the bladder are more dangerous, and often attended with unsupportable agonies. In an ulcer of the kidneys, the urine is discharged without much difficulty or uneasiness ; is reddish, often bloody, with caruncles in it. In an ulcer of the bladder, the difficulty of making urine is very great, the pain dreadful ; less blood, but large quantities of purulent matter accompany the urine, especially in women.

The

The *prognostics*. In habits of body that are cacochymic, phthifical, or to persons in years they are always dangerous and often mortal.

The *cure* is the same. Lenient purges should be given, as cassia, rhubarb, manna, and tamarinds, for the alvine tube must be kept open; small mead, cooling ptisans, a milk diet, lime-water, and twenty drops of balsam copaiva on sugar morning and night, should by no means be omitted. Injections of milk and lime-water. If the pain is excruciating (as in all other disorders without exception) the use of opiates is demanded; give two scruples of olibanum, and three grains of pure opium, made into a bole with balsam of Peru.

Take of Gum arabic, two ounces,
 Soap, one ounce,
 Gum guiacum,
 Jalap, of each two drachms,
 Balsam copaiva, enough to make an electuary.

The bigness of a nutmeg to be taken morning and night.

Take of tincture of balsam of Peru, an ounce.

A tea-spoonful to be taken twice a day.

The solution of muriatic mercury. See Lues.

Women declining into the vale of years are exceeding liable to internal latent ulcers, which greatly resemble ulcers in the bladder, with respect to the violence of the pain, and indeed every other symptom, the pus in urine excepted. The subsequent electuary has always answered

answered my expectation in removing that troublesome complaint, and I would recommend it to those who are tormented with pain in parts contiguous to the neck of the bladder.

Take of Elecampane, an ounce,
 Sweet fennel seeds, half an ounce,
 Black pepper,
 Balsam of Peru, of each two drachms,
 Honey, enough to make an electuary.

Dose, the size of a nutmeg morning and night. If the body is costive, add two drachms of jalap to it. Let her also take twenty drops of balsam of copaiva, twice a day, upon brown sugar.

STONE.

THE Stone, or human calculus, originates from a concretion of fabulous saburra, chiefly owing to the selenites in water; from the heat of the body, laxity of the fibres, or predisposition of the fluids to deposit this earthly matter; perhaps from a deficient attraction among their own particles to preserve its suspension: it is often formed into a hard friable substance.

The *causes*. The water we drink seems to be the chief cause, which has more or less of an earth in it, and if you please, something of a petrifying quality; claret, ale, and all those liquors which ferment strongly in the stomach, and consequently occasion the terrestrial parts
 of

of the urine to cohere together; the appulse of an acid gas, obstruction or coarctation of the urinary canals. Any extraneous substance in the bladder, which will soon form a nucleus.

The *diagnostics*. A sensation of numbness, torpidity, or painful pressure in the thigh; nausea, frequent retchings; the urine thin, bloody, small in quantity, excreted with great uneasiness, or totally suppressed; pain in the glans penis, tenesmus.

The *prognostics*. If both ureters are at once affected, if the urine is totally suppressed, the extremities cold, or the urine continues bloody after the fit is over, the disorder will be of long continuance, and most probably terminate in death. In ancient persons it is always very dangerous.

The *cure*. This dreadful disease authorizes us to summon every possible and immediate medical assistance, as clysters, purges, antiemetics, *oil of aniseeds*, terebinthines, fat broths, fomentations, opiates, the catheter, lithotomy. To prevent a return, equal quantities of lime-water and butter-milk should be drank at meals, and for a constancy, to the quantity of three pints in a day. Claret, malt, and all fermenting liquors should be abstained from. Spirits of all sorts (having passed the state of fermentation) diluted with water, are no ways prejudicial.

Take of Balsam of Peru (dissolved in the yolk of an egg) two drachms,
Decoction for a clyster, five ounces,
Oil of olives, two ounces,
Tincture of opium, two drachms,

A clyster.

This will always give immediate ease in the most racking pain. Or,

Take of Vitriolated natron, two ounces,
Water, six ounces,
Tincture of asafoetida, half an ounce,
Tincture of opium, one drachm,

A clyster.

Take of Balsam of Peru,
Oil of anniseeds, of each two drachms,
Mucilage of gum arabic, seven ounces,
Tincture of jalap, half an ounce,

A mixture; three spoonfuls to be taken morning and night, or, as there is occasion.

To preserve the patient from returns of this horrid distemper,

Take of Gum arabic, two ounces,
Venice soap, one ounce,
Grains of Paradise,
Jalap, of each two drachms,
Balsam of copaiva, enough to make an electuary.

Dose, the size of a walnut, morning and night. Several have I seen who for many years had not been one moment free from pain, perfectly

feetly cured by this electuary; a relation of what it has performed in a vast variety of cases, would be enough to shock the belief of the most credulous.

Take of liquorice root, three ounces,

Boil in a quart of water; half a pint to be drank twice a day.

Take of tincture of balsam of Peru, an ounce,

A tea-spoonful night and morning.

OPHTHALMY and Disorders of the EYES.

AN Ophthalmy is an inflammation of the eye, or adnata, with redness, swelling and discharge of a hot water, or matter. It is commonly divided into *dry* and *moist*; when slight, called Phlogosis; if there be some redness in the albugineous coat, Taraxis; when the eye lids can scarcely be closed, Chumosis; if accompanied with a profuse discharge of red rheum, Epiphora. Suffusio, Phlyctæna, Glaucoma, Hypopyon, Albugo, and Pterygium, &c. are all to be treated much in the same manner.

The *cause*. Some irritation, or the same with that of other inflammations.

The *diagnostics*. It is known by the red color of the tunica conjunctiva: the other disorders of the eyes, by a distillation of bloody acrid
G rheum

rheum from their angles; a scalding water; a collection of matter, or water in vesicles under the cornea; films, motes, specks, &c.

The *prognostics*. If it continue long, it sometimes turns to a glaucoma, or cataract, or gutta ferena, (which requires the internal use of medicines, as mercurials, &c. In general, it is not difficult of cure.

The *cure*. If the eyes are glued up in the morning, let them be bathed with warm milk. If the patient is plethoric, bleed; then give a gentle purge, such as,

Take of Vitriolated natron, an ounce,
Purified salt of amber, seven grains,
Pure water, three ounces,
Syrup of buckthorn, half an ounce,

A purging potion. Issues are exceeding serviceable, vesicatories likewise applied to the temples, behind the ears, or to the nape of the neck; no small advantage will result from a seton, which should be cut perpendicularly, and not horizontally, as is the usual custom. Sternutatories should not be omitted, as, the compound powder of asarum. Or,

Take of white hellebore root, a scruple,
Florentine orris root, ten grains,
Euphorbium, three grains,

Of this powder let a pinch be taken, as if it were snuff, every night after getting into bed.

If a hot water distils from the eyes, or if films, specks, &c. appear, the subsequent eye water

water is, I believe, not to be excelled; the eye may be washed with it three or four times a day, and as much of it allowed to be worked in the eye, by frequent winking, as can be well born.

Take of White vitriol, fifteen grains,
Spirit of wine rectified,
Lime water, of each half an ounce,

A collyrium. Or,

Camphorated spirit, an ounce.

A collyrium. Or, if that gives too much pain,

Take of Water of litharge acetated, seven drops,
Rose water, an ounce,

A collyrium, to be used three or four times a day.

Or,

Take of Water of litharge acetated, seven drops,
Tincture of opium,
Lime water, of each half an ounce,

A collyrium.

If the sight is very weak, and is daily impairing, put a drachm of allum into the white of an egg, let them be well whisked up together, and smear the eye-brow and eye-lid with it every night. If there be a scorbutic acrimony in the fluids,

Take of Mercury with sulphur, an ounce and half,
Gum arabic, half an ounce,
Honey, enough to make an electuary.

The dose, the size of a nutmeg morning and night.

In opthalmies proceeding from a scrophula (which by the way most opthalmies do) the bark is not only a certain but expeditious remedy, as,

Take of Red bark, an ounce,
 Extract of liquorice, two drachms,
 Mucilage of gum arabic, enough for an electuary.

The size of a walnut to be taken morning and night.

When the edges of the eye-lids look red and raw, or discharge,

Take of White calx of mercury, a scruple,
 Cerate of acetated litharge, an ounce.

Smear them with a feather dipt in it night and morning.

A cataract requires the operation, viz. depression or extraction of the chrySTALLINE lens.

If a gutta serena is curable, it must be helped by electricity, sternutatories, the dry vomit, the aluminous egg application, and such alteratives as, mercurials and antimonials.

CATARRHAL FEVERS.

CATARRHAL Fevers are generally flow and mild, exacerbated toward evening when the equilibrium of the atmosphere is destroyed; they are accompanied with pains in the joints, stoppage

stoppage of the nose, deafness, head-ach, cough, and listlessness, &c. They are commonly called colds. They produce, when neglected, innumerable disorders, as they originate from an abatement or obstruction of insensible perspiration, if that perspirable matter is retained in the circulation which ought to have been thrown out of the body, it may soon putrify, and occasion fevers *pessimi moris*. Hence observe how hazardous and frequently fatal (though little suspected) that custom must be of bleeding for a cold, when no plethora subsists. To attenuate viscidities few medicines are preferable to the acetated kali. When cold is first taken, an opiate (which acts by effecting a temporary plethora) if not costive, will often remove it like an amulet, as,

Take of tincture of opium, thirty drops,

At bed time. Or,

Take of Opiate pill, five grains,
Tartarised antimony, one grain,

A pill to be taken at going to bed.

If the symptoms are very alarming, give two grains of the tartarised antimony well rubbed with ten grains of white sugar, for a vomit, drinking nothing during the operation. Either of the following are exceeding efficacious in the removal of a cold, and far preferable to bleeding :

Take of Prepared kali, a drachm and half,
Pure water, seven ounces,
Water of ammonia,
Tolu syrup, of each half an ounce,

A mixture. Let three spoonfuls be taken every fourth hour.

Take of Mercury with sulphur, an ounce and half,
Crude antimony,
Gum guaiacum, of each two drachms,
Honey, enough to make an electuary.

The quantity of a nutmeg to be taken morning and night.

N. B. Those who value their health, and are liable to colds, should lie with very light covering in bed. One pair of blankets is at all times sufficient.

Cough, Suffocating Cattarrh, and Hoarseness.

A COUGH is a convulsive motion of the diaphragm, generally owing to an irritation of the larynx. By chewing a hard crust, or piece of sea biscuit, on going to bed, the glands will be emptied of that acrid saliva wherewith they are distended, and consequently that teasing defluxion will be prevented, and that tickling sensation which is so troublesome in the night. A plaister of Burgundy pitch between the shoulders will wonderfully relieve a cough: it should be worn continually for some weeks. If the thyroid gland is swelled so as to render deglutition difficult, apply a poultice of bread and milk to the throat, and a vesicatory to the neck.

The suffocating catarrh is an affection of the larynx, when the aspera arteria is irritated, and the

the glottis constricted, so as to endanger immediate suffocation. If plethoric, bleed: let the face be held over the steam of boiling milk; a bread and milk poultice be wrapped round the throat, and give an emetic * antispasmodics, opiates, and agglutinants.

A hoarseness is an affection of the aspera arteria, caused by an effusion of a thin acrid lymph, or an abrasion of its internal mucus. Half a pint of new milk, with half a pound of suet dissolved in it, and drank warm, will almost instantaneously relieve, but is by no means a pleasant draught.

Take of Sulphurated oil, five drachms,
Oil of aniseeds, one drachm.

Of this bottle of drops, let ten be taken on sugar three or four times a day. It is an admirable medicine for a cough, as well as for hoarseness.

To return to a cough. Nettle-seeds mixed up with honey into an electuary, is no despicable remedy; the size of a nutmeg to be taken night and morning. Or a spoonful of the expressed juice of turnips twice a day, sweetened with as much sugar-candy as will render it palatable. Or, two ounces of garlick, infused in a bottle of mountain wine, a glass-full morning and night. Or, (which exceeds every thing else) balsam of copaiva, an ounce; of these drops take twenty
twice

* Take of Antimony tartarised, ten grains,
Pure water, an ounce,

Of this let a tea-spoonful be taken every half hour till the effect is produced.

twice a day on fugar. Or, balm of Gilead. Or,
if not costive,

Take of Tincture of opium camphorated, an ounce.

A tea-spoonful night and morning, in a glass of
water.

Or any of the following medicines, the efficacy
of which may be depended on.

Take of Flowers of sulphur, an ounce and half,
Elecampane, six drachms,
Balsam of copaiva, half an ounce,
Myrrh, two drachms,
Oil of aniseeds, a drachm,
Tolu syrup, enough for an electuary.

The bigness of a nutmeg twice or thrice a day.

Take of Asafœtida,
Gum ammoniac, of each a drachm,
Squills powdered, a scruple,
Simple syrup, as much as is sufficient.

Make twenty-four pills, two to be taken night
and morning.

Take of Diluted vitriolic acid, twenty drops,

Night and morning. If costive,

Take of Asafœtida, a drachm;
Sulphur of antimony precipitated, two scruples,
Socotrine aloes, one scruple,
Squills dried, fifteen grains,
Simple syrup, enough for pills,

Twenty-four : two to be taken night and morn-
ing.

Or,

Or,

Take of Afafœtida, a drachm,
Filings of iron,
Precipitated sulphur of antimony, of each
half a drachm,
Socotrine aloes, one scruple,
Simple syrup, enough for pills,

Twenty-four.

Take of Conserve of orange-peel, half an ounce,
Oil of olives,
Tolu syrup, of each an ounce,
Vitriolic acid, enough to make it gratefully
acid;

A linctus : a tea-spoonful to be taken at pleasure.

Take of Coltsfoot-flowers, an ounce and half,
Horehound,
Hyssop, of each half an ounce, boil a little in
a quart of water,
Extract of liquorice, two drachms,

Make a mixture, of which a tea-cupful may be
drank thrice a day, or oftener.

Take of Red bark, six drachms,
Extract of liquorice, two drachms,
Myrrh, one drachm,
Mucilage of gum arabic, enough for an
electuary,

Dose, the size of a chesnut, twice a day.

PERIPNEUMONIA GNOTHA.

THE Bastard Peripneumony, or Humoral Asthma, is a disease very different from the true Peripneumony, and owing to a redundancy of serum in the lungs, which are overflowed, as it were with a cold pituita: this phlegm stagnating in the cellular membrane or extremities of the capillary branches of the pulmonary artery, produces effects very similar to those of a *real* inflammation, though the necessary discrimination is to be made with great facility.

The *causes*. A deficiency of vital heat: diminution of the vis vitæ; redundancy of serum; teneritude of the muscular fibre, indolence or inactivity, preceding disorders, profuse evacuations, whatever puts too speedily in motion that which stagnates in the lungs.

The *diagnostics*. The patient is at first seized with a sudden coldness and rigor, and loses his strength very fast; pallid countenance, sensation of weariness, lassitude, shortness of breath, spasmodic constriction of the lungs, a slight hectic fever, ropiness of the saliva, anxiety about the præcordia, swelled ancles, increasing debility, a teasing cough, anorexia.

The *prognostics*. It is a very fallacious distemper. Sometimes it terminates (and very often, in cachectic habits) in sudden and unexpected death. It is always attended with danger, for there is no disorder of which more persons die; perhaps

perhaps every one is peripneumonic for a few minutes at least before a natural death, because the blood that is propelled from the right ventricle of the heart, from the declension of muscular motion, cannot then pass through the anfractuous angustia of the lungs, without occasioning that anhelous respiration.

The *cure*. It is unnecessary to say that in this case phlebotomy would be deleterious. For common drink give the compound decoction of barley with large quantities of hydromel; vesicatories of no small dimensions are necessary, and should be frequently repeated. A seton should be made on the side of the sixth vertebra of the neck, in a perpendicular form; change of air is of considerable utility, though even to one no better than that which the patient was in before; acids may be given with advantage, for the generally received opinion that they are inimical to the lungs, is not confirmed by experience; broths are useful. A tea-spoonful of the expressed juice of garlic may be administered night and morning with great advantage. The dry vomit must not be omitted, as,

Take of Blue vitriol,

Antimony tartarised, of each seven grains,

For three powders; one to be taken twice or thrice a week in the morning fasting; let the patient strain, without drinking any thing 'till some yellow or greenish matter is ejected, and then if the nausea does not go off, take half a
glass

glafs of brandy ; if *that* should be thrown up, a repetition of it will soon settle the stomach.

Take of Balfam of Copaiva, an ounce,

A bottle of drops.

Of these let twenty be taken on sugar night and morning. Whatever other medicines are used, *this* ought not to be dispensed with. Diuretics are singularly serviceable, and one that will give place to no other, is,

Take of Tincture of cantharides, an ounce.

A tea-spoonful to be taken night and morning.

Lenient cathartics are absolutely necessary, which should be repeated according to the strength of the patient, as,

Take of Rhubarb, a drachm,
Gamboge, fifteen grains,
Calomel, ten grains,
Simple syrup, enough for twelve pills.

Two or three to be taken every morning, one at a time, at an hour's distance each. Or,

Take of Asafœtida,
Tartarised antimony, of each a drachm,
Simple syrup, enough for pills,

Twenty-four.

Take of Extract of Cassia, an ounce,
Four figs,
Liquorice root,
Senna leaves, of each two drachms,
Boiling water, four ounces,

Infuse,

Infuse and strain for a purging draught Or the following, which is a very elegant one :

Take of Senna leaves, three drachms,
Lemon peel, two drachms,
Tartarised kali, ten grains,
Compound decoction of barley, four ounces.

Let it be poured boiling hot on the ingredients, and when cold, strain for a purging potion.

Take of Rhubarb, five scruples,
Precipitated sulphur of antimony, one scruple,
Balsam of copaiva, enough to make into pills,

Number twenty-four ; two to be taken once or twice a day.

For persons upwards of fifty,

Take of Gum ammoniac,
Precipitated sulphur of antimony, of each a
drachm,
Squills, a scruple,
Simple syrup, enough for pills,

Twenty-four ; two to be taken morning and night. See COUGH, and the following.

N. B. In a confirmed Hydrothorax, give Mr. Tickel's Anodyne Æthereal Spirit, with the above-mentioned rhubarb, or tartarised antimony pills, once or twice a week.

A S T H M A.

AN Asthma is a difficult and laborious respiration, owing to the compression, coarctation, or obstruction of the pulmonary vessels, and is either continual or periodical.

The *cause* of a *continual* asthma is a compression of the veins, bronchial vessels, pulmonary vesiculæ or nerves; this may be occasioned by a hydrops pectoris, empyema, phlegmon, abscess, vomica, tubercles, polypus in the blood vessels, coagulation of the blood itself, corpulence, gibbosity, adhesion of the lungs to the pleura, emphysematous tumours of them, inflammation of the stomach, infarction of the bronchial glands.

The *cause* of a *periodical* asthma, is a compression of the vessels and bronchial vesiculæ, owing to a slow halitus, or acid gas, which impedes the course of the nervous influence along the par vagum, and in some measure expels it, not leaving a sufficiency of vital heat to distend the bronchial vesiculæ to their usual extent; this appears sooner or later, as the fermentation in the stomach is sooner or later performed, as I have observed in numbers of instances. It commonly succeeds other diseases, as an intermittent, variolæ, the measles, catarrh, peripneumony, cacochymy, hysterics, and unnecessary phlebotomy, or a sudden change of the non-naturals, especially of the air. It seems not to be an idiopathic disease.

The

The proximate *cause* of both is a spasmodic contraction, coarctation, or irritation of the organs of respiration.

The *diagnostics* appear from what has been observed above. A difficult respiration, when the breath is drawn oftener and quicker than usual, is called *Dyspnœa*. A frequent and large respiration, when the diaphragm and intercostal muscles are violently agitated with snorting or wheezing, is termed an *asthma*. The greatest difficulty of breathing, when the patient cannot fetch his breath without sitting upright in bed, and even then not without the vehement and operose working of the muscles of the breast and scapula, is nominated *orthopnœa*.

The *prognostics*. A phlethoric *asthma* is easily cured, requiring only the discreet use of phlebotomy or cupping. A spontaneous diarrhœa is an exceeding good sign. If it is inveterate, or if the patient is advanced in years, the case is difficult. If pus is formed, it forebodes convulsions, a phthisis, or dropsy. If owing to another disease, it requires the same treatment with the respective disorder.

The *cure*. The diet should be taken from those things which are easiest of digestion, and consequently ought to be of animal substance, which will not only digest with greater facility, but ten times sooner than any of the vegetable tribe. Milk should be taken for breakfast and for supper; broth, spoon-meats, and much the same regimen is requisite as in the phthisis. A

clear, dry air, exercise, clysters, a seton cut in a perpendicular direction, issues, a Burgundy pitch plaister between the shoulders, perpetual vesicatories, frequent emetics, cathartics, the balsam of copaiva, and the dry vomit. See COUGH, and PERIPNEUMONIA GNOTHA.

The asthmatic pill :

Take of Asafœtida, a drachm,
Precipitated sulphur of antimony two scruples,
Socotrine aloes, one scruple,
Oil of aniseeds, twenty drops,
Simple syrup, enough for pills,

Twenty-four; two to be taken morning and night. Or, if very costive,

Take of Asafœtida, a drachm,
Socotrine aloes,
Filings of iron, of each two scruples,
Simple syrup, enough for pills.

Twenty-four; two to be taken morning and night. Or, the ammoniac pills in the last article.

If opiates may be given with safety, viz. if the body is sufficiently open, to render the nights more tolerable, and to procure a truce,

Take of Opiate pill, one drachm ;

Make into twelve or sixteen pills, one to be taken at bed-time. Or,

Take of Tincture of Opium camphorated, an ounce ;

A tea-

A tea-spoonful (more or less) in a glass of water, night and morning.

Take of Antimony tartarised, three, four, five, or more grains,

As the case requires, for a vomit; to be taken fasting, and drinking nothing after it, for two or three hours; to be repeated every week or ten days.

The following electuaries have been extremely serviceable :

Take of Flowers of sulphur, an ounce and half,
 Elecampane, an ounce,
 Balsam of copaiva, half an ounce,
 Oil of aniseed, a drachm,
 Tolu syrup, sufficient to make an electuary :

Dose, the bigness of a nutmeg, every morning and evening. Or,

Take of Red bark, an ounce,
 Extract of liquorice, three drachms,
 Tolu syrup, enough for an electuary.

The size of a nutmeg to be taken twice or thrice a day.

A U X I L I A R I E S.

Take of Shavings of saffaras,
 Coltsfoot flowers,
 Maidenhair, of each equal parts,

Of this, half an ounce may be made into tea, to be drank instead of common tea, sweetened with honey.

Take of Onions (or leeks) two ounces,

Boil in a pint and half of water to a pint, strain, and let a tea-cupful sweetened to the taste be taken two or three times a day. Raw onions, with plenty of pepper and salt, may be eaten every day to great advantage.

Take of Conserve of squills, half an ounce,
Tolu syrup,
Oil of olives, of each an ounce,
Vitriolic acid, twenty drops,

A linctus, to be taken at pleasure.

Take of Tincture of cantharides, an ounce;

Of these drops a tea-spoonful may be taken twice a day.

Take of Coltsfoot flowers, or leaves, an ounce,

Boil in a pint and half of water to a pint; squeeze them dry. Let this pint be drank every day very warm, holding the face first over the steam, while boiling hot, 'till cool enough to drink.

N. B. Half an ounce of horehound may be added. See FLATUS, and PERIPNEUMONIA GNOTHA.

CEPHALALGIA.

CEPHALALGIA is a sensation of pain in the head.

Cephalæa is an inveterate (and supposed hereditary) pain in the head.

Hemicrania

Hemicrania, is a pain in the middle of the head. They are all owing to the same causes, and require the same method of cure.

The *causes*. Little acrid particles of blood or lymph, which vellicate or distend the membranes or nervous fibrillæ; strong liquors drank too profusely, spasms, staying too long in the heat of the sun, immoderate exercise, intense study, fermentation in the stomach, acid gas or halitus, a deficiency of heat in the encephalon, a plethora, costiveness.

The *diagnostic* is sufficiently obvious.

The *prognostics*. If symptomatic, it is to be profligated by the removal of that disease which is the occasion of it. The more superficial the easier it is to be cured; the deeper, the sharper, and if of long continuance, with the more difficulty. If accompanied with a vertigo, noise in the ears, strabismus, or deafness, if not removed, it will end in a lethargy: if with æruginous vomiting, in a mania. A defluxion of blood, or pus from the nostrils, often cures it. Turbid urine indicates a continuance of the malady. If the pain strikes into the orbits, is accompanied with giddiness, and the patient be advanced in years, the cure is very problematical.

The *cure*. If it proceeds from the stomach, give an emetic. If from a plethora (which a chronical head-ach rarely, if ever does) bleed or cup. If from a redundancy of acrid serum (with costiveness,

costiveness), which is a usual concomitant, if not the procatactic cause, aloetic purges are the surest and most expeditious remedy. Vesicatories, setons, cephalic plaisters, sternutatories, diaphoretics and opiates, are all indicated, and may be made use of according to the discretion of the practitioner. A blister may be laid over the whole head, and kept on till it comes off of itself, which will be on the fourth or fifth day. For common drink valerian tea is excellent. Sitting for a few minutes with the feet immersed in warm water will sometimes yield instantaneous relief. Ginger is the most excellent of all nervines; in this and all other disorders affecting the nerves, it may be given to two scruples, twice or thrice a day: few *fits* will withstand its power. Slight electrical shocks will often remove it. If external, which may be known by increasing on pressure, dissolve a drachm of camphire in half an ounce of æther, and pouring a little into the palm of the hand, let it be applied to the pained part. If an old and crabbed case, give the dry vomit, as,

Take of Blue vitriol,

Antimony tartarised, of each two grains and a half.

Let this powder be taken in half a spoonful of water, in the morning fasting, without drinking any thing during the operation: but when yellow or greenish matter is thrown off from the stomach, half a glass of brandy may be taken to remove the nausea: if that is rejected, as it will be, if there is more corrupted bile to be thrown up, a repetition in a few minutes after will soon settle

fettle the stomach. Plaisters of Burgundy pitch may be applied to the temples, or behind the ears, a fomentation for the whole head of equal quantities of tincture of opium and vinegar, will often give ease; or equal quantities of camphorated spirit, compound tincture of lavender and vinegar. An errhine may be given to snuff up the nose of brandy and vinegar equal quantities; or of camphorated spirit. Sternutatories ought not to be omitted, as white hellebore root, or asarabacca leaves. A pinch of either (in powder) to be taken, as if it were snuff, every night after getting into bed.

If the pain is very excruciating in the night thirty or forty drops of tincture of opium may be taken at bed-time, and the next morning a draught given, composed of an ounce of aloetic wine, and half an ounce of cinnamon water.

Habitual head-achs, arising from constipation of the bowels, soon yield to the following pills: they are indeed a noble medicine, and too much cannot be said in their praise. The author has ordered them many thousands of times and they never disappointed his expectations.

Take of Socotrine aloes, one drachm,
Precipitated sulphur of antimony,
Filings of iron, of each half a drachm,
Simple syrup, enough to make into pills,

Number of twenty-four; two to be taken night and morning, if they do not open the body too much. Or,

Take

Take of Socotrine aloes,
 Filings of iron, of each a drachm,
 Precipitated sulphur of antimony,
 Calomel, of each a scruple,
 Simple fyrup, enough for pills,

Thirty-two; two to be taken every night.

Take of Prepared kali, half an ounce,
 Water, a pint.

A tea-cupful night and morning.

If the patient is not costive, and the pain returns periodically, give the bark.

EPILEPSY.

AN Epilepsy is a sudden prostration of the vis vitæ, with a violent concussion of the muscles, and loss of the senses both external and internal. It is called catalepsy, caducus, catoche; morbus facer, comitialis, and Herculeus.

The *causes*. A bad conformation of the encephalon; corruption, or erosion of the meninges; quicksilver, by what means soever conveyed to the brain; an increased flux of serum into the head, hydatides on the corpus callosum, violent exercise, profuse venery, strong thinking, a fright, all vehement affections of the nervous system, excruciating pain, hysterics, irritation from worms, toothing, an acrid humor, the infection of the variolæ, the obstruction of some secretion; various sorts of vapors, as the steams from liquors-in a state of fermentation, or an acid gas.

The

The *diagnostics*. A sensation of weight in the head, or of pressure over the eyes; of heaviness in the joints, frothing at the mouth, foolishness, tinnitus aurium, forgetfulness, a thin and crude urine, gnashing of the teeth, a deprivation of all feeling; paleness of the countenance, inordinate motion of the tongue, shrieks, clenched hands, sudden fall to the ground, dimness of sight; from the violence of the paroxysm, an ejection of food, mucus, lymph, or bile; involuntary discharge of urine, semen, or excrements; on recovery, no remembrance of what had passed; impaired intellects.

The *prognostics*. It is either idiopathic or symptomatic. If hereditary, and a delirium supervenes after the fits, it is incurable. From the frequency of the fits arise loss of memory, dulness, stolidity, palsy, apoplexy, and death itself. An involuntary excretion of the fæces, the fits being of long duration, and the brain primarily affected, are signs that the cure will not be effected without great difficulty. If the cause is in the solids, it is irremoveable. From the injuries which the nerves suffer, there follow contractions, deformity and distortions. In children, when a quartan supervenes, the *fits* go off. If owing to worms they are easily curable; if to spasms, and properly treated, they are not very refractory.

The *cure*. In the paroxysm, let a loud noise be made in the ear, and apply water of pure ammonia to the nose, or blow up the nostrils a little white hellebore, or black pepper; bathe the temples and wrists with vinegar; if the
mouth

mouth can be opened, put into it fifteen or twenty drops of oil of amber or powdered sugar, or give a drachm of tincture of castor in half an ounce of strong cinnamon water. As I never saw a plethoric epileptic, I never ordered the use of the lancet for any one, nor can I think it by any means allowable. Purges are often proper, and of considerable utility, even twice or thrice a week; so are chalybeate waters, issues, setons, blisters, the cold bath, alkalis, anthelmintics, anti-hysterics, cardiacs, nervines, opiates, lancing the gums, the trepan, electricity, and the dry vomit.

The diet should be of animal food for dinner, with milk constantly for breakfast and supper: vegetables of all sorts are to be avoided, wines also, and malt liquors; spirits diluted with water may be drank with safety. Gentle and frequent exercise, is absolutely necessary, change of air and amusements are not to be neglected.

Take of Blue vitriol,
Antimony tartarised, of each seven grains,

For three powders one of which should be taken at least twice a week, in a morning fasting: let the patient strain, without drinking any thing, 'till he throws up some yellow or greenish matter, and if his sickness doth not go off, take half a glass of brandy: if that should be puked, another half glass will perfectly settle the stomach. Nothing can be more mild, safe, or gentle, than one of these vomits, and I have known great numbers of persons, by whom the repetition of them was
more

more eagerly requested than opiates have been by those who were in pain.

I shall now subjoin all the medicines which I ever used that proved efficacious in the removal of this disorder, and many hundreds of cases I have been fortunate enough to succeed in. Let it be added that the dry vomit was never omitted, excepting in those cases which were owing to worms, or spasms, and then the following pills and drops have never *once* failed to answer expectation. Of the rest the most proper must be left to the choice of the prescriber.

Take of Socotrine aloes,
Filings of iron, of each a drachm,
Simple syrup, enough for pills,

Number twenty-four; two to be taken night and morning, (if not too opening,) washing them down with a glass of water, in which put two tea-spoonfuls of these drops:

Take of tincture of asafœtida, two ounces,

For a bottle of drops.

Take of White hellebore, a scruple,
Ginger, ten grains,
Euphorbium, two grains,

Of this snuff let a pinch be taken every night after getting into bed. If laxative,

Take of Red bark, one ounce,
 Valerian root, six drachms,
 Ginger, half an ounce,
 Mucilage of gum arabic, enough for an
 electuary.

Dose, the quantity of a walnut night and morning, or oftner.

Take of Valerian root, an ounce,
 Red bark, six drachms,
 Facitious cinnabar, half an ounce,
 Filings of iron, a drachm and half,
 Mucilage of gum arabic, enough for an
 electuary,

Dose, the size of a walnut morning and evening, washing it down with two tea-spoonfuls of the following drops, in a glass of water :

Take of volatile tincture of valerian, an ounce,

For a bottle of drops.

Take of ginger half an ounce,

To be divided into six powders, one to be taken twice a day.

Take of madder, half a drachm,

A powder to be taken night and morning. See Cephalalgia.

FLATUS.

FLATULENCIES are of all disorders the most common, and have, perhaps the least attention paid to them, notwithstanding that few persons

persons are free from some disagreeable circumstances, owing to wind, for the two rapid escape of the aerial acid from vegetables eaten, proves the source of some of the worst and most crabbed chronic cases.

The *causes*. An acid gas arising from a too speedy fermentation in the stomach. It is not easy to imagine what a variety of bad consequences are produced from the detention of elastic air in the bowels. Many of these disorders are by the common people called the spleen in men and the mother in women.

The *diagnostics*. Breaking wind upwards, downwards; incessant eructations, pain in the stomach, rumbling noise in the bowels, loss of appetite, heart-burn, sour breath, sensation of pent-up wind, borborygmi; acid or nidorous belchings; bad taste in the mouth, tumor at the pit of the stomach; swelling of the abdomen, or the right epigastre; pain in the left-side, dyspnœa, head-ach, sensation of fullness after eating; nausea, especially in the morning, obstructed bile, costiveness, passing of worms or slime, spasms of the urinary vessels, sometimes a diarrhœa, ash coloured excrements; in females, generally an obstruction of the catamenia. It is almost an inseparable concomitant of all bilious or gravelly complaints.

The *prognostics*. If of long continuance, it will require some time, but no great difficulty to remove. If the wind is not determined downwards, the disorder, though seemingly cured,

will return. In sanguineous habits, or if attended with an habitual diarrhœa, it is most troublesome to manage.

The *cure*. The predominant acid in the stomach is to be corrected and destroyed by alkalis, emetics and eccoprotics; the wind is to be expelled by proper carminatives, nervines, and cardiacs; the alvine tube to be kept open by aloetics, or antimonial; if accompanied with a diarrhœa, give the bark, with opiates: ginger, castor, opiate confection, tincture of asafœtida, and such like. A milk diet, at least morning and evening, is very advisable. Abstinence from fruit, vegetables, malt, and other fermenting liquors, is indispensably necessary; animal food, and spirits diluted with water may be used safely, and the warmer any liquid is drank the better. Pains, sickness, and common disorders of the stomach, are soonest removed by half a pint of boiling water taken as hot, and as fast as it can be supped. Obstinate fixed pains in the sides and loins, of many years standing, have soon yielded to the following carminative:

Take of Bay berries, six drachms,
Grains of Paradise, two drachms,
Socotrine aloes;
Filings of iron, of each two scruples,
Oil of turpentine, two drachms,
Simple syrup, enough to make an electuary:

The bigness of a nutmeg to be taken night and morning.

This, though not a pleasant, is a most powerful medicine, the wonderful efficacy of which I have experienced

experienced in a great many thousands of instances. Elastic air pent up in the vessels, is often the cause of these fixed pains, as well as of rheumatic complaints (which may be known to be the cause by their being worse in bed) and of vagrant spasms. In such cases, some chalybeate water, with half as much boiling water poured on it, should be drank to the quantity of half a pint, two or three times a day.

If attended with a diarrhœa.

Take of Opiate confection, an ounce,
 Red bark, six drachms,
 Grains of Paradise, three drachms,
 Filings of iron, one drachm,
 Syrup of ginger, enough for an electuary,

The quantity of a nutmeg to be taken twice or thrice a day.

The following tincture is well deserving of a place in the shops.

Take of Bay Berries, two ounces,
 Grains of Paradise, one ounce,
 Ginger, half an ounce,
 Proof spirit, a pint;

Digest without heat for three days, strain and sign the carminative tincture.

Take of the above carminative tincture,
 Volatile tincture of valerian, of each an ounce.

Two tea spoonfuls to be taken night and morning. Or,

Take of the above carminative tincture, an ounce and half,

Tincture of asafœtida, an ounce,

Of these drops, let two tea-spoonfuls be taken night and morning,

If costive,

Take of Socotrine aloes, a drachm,

Precipitated sulphur of antimony,

Asafœtida,

Filings of iron, of each half a drachm,

Simple syrup, enough for pills,

Number Twenty-four; two to be taken night and morning, washing them down with two tea spoonfuls of either of the above drops. Or if not very costive,

Take of Asafœtida, a drachm,

Precipitated sulphur of antimony,

Socotrine aloes, of each half a drachm,

Simple syrups, enough for pills,

Number twenty-four; two to be taken night and morning, taking after them a tea-spoonful of the following drops in a glass of water.

Take Chian pepper, or,

Long pepper powdered, half an ounce,

French brandy, a gill,

Digest without heat for three days, and filtre.
Drops,

Take of Caraway seeds, three drachms,

Galangal, one drachm,

Of

Of this powder, a tea-spoonful may be taken occasionally (when much oppressed with wind) in a glass of water, with a tea-spoonful of the last mentioned drops.

To restore the overstrained fibres to their proper tone, after the stomach and bowels are well cleared,

Take of diluted vitriolic acid, half an ounce,

Of these drops let twenty or thirty be taken thrice a day.

It might not be amiss to propose the following questions to every patient in all chronical complaints, viz. Have you any thing of the heart burn: any sourness or heat in your stomach? does water ever rise in your mouth in the morning; do you feel a nausea or sickness at your stomach in the morning; are you oppressed with wind in your bowels: do you find ease in discharging it; does it ever rise up in your throat, or seem to fly between your shoulders; have you any pain in your left side, do you feel a sort of weight or pressure over your eyes, have you a sensation of fullness after eating, a fluttering about your heart? any swelling at the pit of your stomach, or pain on the right side of it; or under the blade bone of your right shoulder? do you not feel a faintness and sinking within you; are you costive; do you find any difficulty or uneasiness in making urine; does it seem hot; do you ever void any worms or slime? any difficulty of breathing? A single affirmative to either of
those

those questions will warrant the use of one of the above formulæ, *mutatis mutandis*, according to the circumstances of the case ; a due combination of such antispasmodics, carminatives, and antacids, keeping open the intestinal canal ; or restraining the alvine discharge, if excessive ; will, to the no small surprise of the practitioner, in a vast variety of chronic cases, soon restore the unhappy sufferer to a perfect state of health, by removing the cause of the disease, as the writer of this has joyfully experienced in many thousands of instances every year, for these twenty years past.

HYPPOCHONDRIA.

THE hypochondrical affection, melancholy, or lowness of spirits, is a sort of delirium without a fever. This disorder is commonly supposed to originate from the imagination, because it is intensely fixed on one particular object ; but, in fact, it is entirely owing to a laxity of the muscular fibres throughout the whole vascular system.

The *cause*. A deficiency of the vital heat in the cerebrum (a cause diametrically opposite to that which produces the phrenitis, though the effects are similar), this may be expelled therefrom by *that*, whatever it is which dissipates the finer fluid parts, and fixes the rest, as agrypnia, profuse venery, an acid gas, any excessive evacuation, particularly that of insensible perspiration ;
grief,

grief, disappointment, fear; the immoderate use of fallads, fruits, vegetables of all sorts, sugar, fermenting liquors, vinous or malt; indigestion, flatulencies, a sedentary life, severe studies, want of exercise, indolence.

The *diagnostics*. The absurdity of the patient's behaviour, inactivity, dislike to motion, anorexia, borborygmi, costiveness, oppression from wind, frequent sighing, anxiety about the præcordia, great dejection, prostration of the vital powers, internal sinkings, load at the stomach, palpitation of the heart, taciturnity, wild incoherent discourse, ridiculous notions, the mind being fixed on one object.

The *prognostics*. An appearance of the piles is a good sign. It is sometimes very tedious, but seldom very difficult to cure. If improper methods are used, such as bleeding, &c. it often terminates in madness, blindness, an epilepsy, or apoplexy.

The *cure*. Draw off the patient's attention from his favourite object as much as possible. Exercise must be taken, generous wines may be drank freely, as mountain, red port, or Madeira: or, which is more eligible, spirits diluted with water. The most nourishing diet is necessary, as milk, meat broths, particular of pork; strong soups, jellies, sago, vermicelli, flummery, salep, eggs; all sorts of shell fish; as lobsters, crabs, oysters, &c. flat fish; as turbot, skait, dories, plaice, &c. soups made of lampries, or crayfish; every species of wild fowl, especially grouse, partridges,

partridges, and pigeons; any animal food taken in large quantities, and often repeated. He should abstain from vegetables, fruit, and malt liquors. In this, or any other case arising from weakness of the solids, bleeding is inadmissible: it would be preposterous practice indeed to bleed an hypochondriac. Let the patient drink the chalybeate waters, use carminatives, very mild cathartics, corroborants, aromatics, fœtids, perfumes, volatiles, sternutatories, aloetics, emetics, mercurials, blisters, setons, steel, the cold bath, infusion of horse-rhadiſh, valerian tea and ginger, See FLATUS and EPILEPSY, under which articles there is scarce one prescription that is not of considerable utility in this malady. Begin the cure with the dry vomit, as,

Take of Tartarised antimony,
Blue vitriol of each seven grains.

For three powders, one to be taken on an empty stomach twice a week. Either of the under-mentioned pills may be given to vast advantage, as gentle cathartics; they have been often proved:

Take of Extract of black hellebore,
Aloe pills, of each a drachm,

For twenty-four pills; two to be taken night and morning, or occasionally,

Take of Asafœtida, a drachm,
Socotrine aloes,
Filings of iron, of each half a drachm,
Simple syrup, as much as is sufficient:

Pills,

Pills, number twenty-four; two to be taken morning and night. Or,

Take of Socotrine aloes, a drachm,
Filings of iron,
Precipitated sulphur of antimony, of each half
a drachm,
Mucilage, enough for pills,

Twenty-four; two morning and night.

Take of Red bark, six drachms,
Compound powder of myrrh,
Ginger, of each half an ounce,
Tartarised iron, a drachm,
Tincture of cantharides, enough to make an
electuary,

Of which (if not costive) the size of a chesnut may be taken morning and night.

Take of Volatile tincture of valerian, an ounce,

Of these drops two tea-spoonfuls may be taken in a glass of mountain wine twice or thrice a day.

Take of Compound powder of assarabacca,
White hellebore root, of each a scruple;

Of this snuff let a pinch be taken every night at bed time. Errhines seem to deserve a much higher rank in practice than they have hitherto obtained.

Take of Diluted vitriolic acid, an ounce,

Of these drops give twenty-five thrice a day.

APOPLEXY.

A P O P L E X Y.

AN Apoplexy is a sudden abolition of the external and internal senses, and of all voluntary motion, with sometimes a full pulse and large respiration.

There are four species or degrees of it.

The first is, when the patient breathes, during the paroxysm, in a manner very little different from that in perfect health.

The second, when the respiration is intermitting, anhelous and inordinate.

The third, when the breath cannot be fetched without great struggling and nature is obliged to exert all her efforts to carry on a most operose respiration.

The fourth, when respiration for some time totally ceases.

The *cause* is that which wholly impedes the efflux of the nervous influence into the cellular coats of the organs of sense and motion. One would imagine that the ancients were acquainted with the real cause of it, from the derivation of its name Apoplexia, from Apopletto to strike. The above effect may be produced from a plethora, and too great an accumulation of blood in the ventricles of the brain, but much more commonly proceeds from a deficiency thereof, and
a redun-

redundance of viscid serum; as also may be reckoned among the predisponent causes, a large head, thick neck, corpulence, spasmodic contractions of the vessels, osseous protuberances within the cranium, acrimony of the lymph, irregularity of the non-naturals, a too liberal use of narcotics, frequent ebriety, extravasated blood: inordinate venery, especially of persons in the decline of life; the affections of the mind, an acid gas, blows, bruises and mercurial vapors.

The *diagnostics*. Preceding the paroxysm, dimness of sight, loss of memory, a sudden and acute pain in the head, swelling of the jugulars, vertigo, an unusual coldness of the extremities, supine indolence, drowsiness, oscitancy, tremblings, a strong pulse and redness of the face. The reader may observe that the signs are given indiscriminately of the *sanguineous* * and *serous* apoplexy. In the paroxysm, deprivation of all sense and motion: the eyes are closed, as if he was dead: snoring, an unequal interrupted respiration, insensibility.

The *prognostics*. The fourth degree is always fatal, because the conductors from the cerebellum are affected. If the pulse is weak, respiration difficult, the patient old, or has been seized before in the same manner; loud snoring, cold sweats, frothing at the mouth: these are all symptoms of a fatal tendency. An apoplexy often terminates in a palsy. A strong pulse is a
K
sign

* I never yet saw *one* sanguineous apoplexy.

sign of recovery; if succeeding phlebotomy, the patient will undoubtedly do well.

The *cure*. Let the patient be laid on his back, with his head raised. If plethoric, bleed; which will presently relieve by removing the cause. Hippocrates with great justice asserts, that venæsection always kills or cures in an apoplexy: the reason is evident, because it is always owing to too much, or too little blood. Proper means to be used are sternutatories, emetics, vesicatories, particularly to the feet, cathartics and corroborants.

In the fit, if cacochymic (as is most commonly the case, he should be rubbed with warm flannel, or bathed with rectified spirit, and instead of phlebotomy use errhines. Bleeding is too generally performed in fits of all sorts, though there are very few instances in which they do not originate from a laxity of fibres and deficiency of blood. Those who are so busy with the lancet ought to be reminded that there is yet no repeal of the sixth commandment.

Take of White hellebore,
Long pepper, of each a scruple,
Euphorbium, seven grains;

Let some of this powder be blown up the nose (through a quill), or some tobacco smoke, or a little of the following errhine,

Take of Camphorated spirit,
Bandy, of each an ounce,
Water of ammonia, half an ounce,

An errhine and fatus.

A fomen-

A fomentation also for the head may be used of spirits of wine, compound tincture of lavender and oil of amber, equal parts. A clyster should be injected as soon as possible, as,

Take of Tobacco,
Rue, of each a handful,
Penny-royal,
Colcynth, of each two drachms,

Boil in ten ounces of water, strain, and administer it warm. As soon as possible give the following purge, or vomit :

Take of Senna leaves,
Tamarinds, of each an ounce,
Rhubarb, three drachms,
Volatile salt of amber, a scruple,

Macerate in twelve ounces of boiling water. Of the colature, give two ounces every hour 'till it purges sufficiently. Or,

Take of Tartarised antimony,
Vitriolated mercury, of each five grains, a powder,

An emetic, drinking nothing during the operation.

To prevent a return, let him take two tea-spoonfuls, twice a day of volatile tincture of valerian, with one of the subsequent electuaries, or pills :

Take of Valerian, an ounce,
Ginger, six drachms,
Red sulphurated mercury, two drachms,
Syrup of orange peel, enough for an electuary,

Dose the quantity of a nutmeg, thrice a day.

Take of Red bark, an ounce,
 Castor,
 Galangal, of each two drachms,
 Syrup of orange peel, sufficient for an electuary, as before.

Take of Socotrine aloes,
 Long pepper, of each a drachm,
 Simple syrup, enough for pills,
 Twenty-four; two to be taken morning and evening.

P A L S Y.

A Palsy is a laxity, or immobility of a particular part, sometimes with a deprivation of the sense of feeling. If the whole side is affected, it is called Hemiplegia.

The *cause*. A sudden shock, from some impediment to the course of the vital heat along the nerves from the cerebrum, medulla oblongata, or spinal marrow; which lacerates the cellular tunic of the muscles destined for voluntary motion; this *may* be occasioned by a redundancy (though I never met with such an instance), but is more commonly owing to a deficiency of the nervous influence, and consequently of blood.

The *diagnostics*. Flaccidity of the parts; a diminished sensation in, or incapacity of moving them: distortion of the muscles, tremors, wasting of the part, involuntary tears, despondency.

The *prognostics*. A partial palsy in young persons is easily curable: in children from dentition,
 will

will disappear of itself. In those who are advanced in years, or if universal, or if succeeding an apoplexy, or if it is attended with a marasmus, in these cases little hope is to be indulged. A fever, or spontaneous diarrhœa, are favourable symptoms.

The cure. The regimen must be indicated from the cause. If (as has been always the case with every paralytic that I have ever seen) there is a laxity of the muscular fibres and weakness of the solids, let the spina dorsi be rubbed with a warm flannel, even to an inflammation, and be bathed with oil of amber morning and night, from which method alone and a large vesicatory to the os sacrum and lumbar region, I have recovered many who had lost the use of the lower extremities. Apply a tight ligature to the part affected; if the leg, a straight stocking should be worn. Give Venice soap at first in pretty large quantities, and ginger and mercurials. Let the intestinal canal be kept open, and vesicatories be laid on the affected parts, or one of the following topics be used :

Take of Cantharides, an ounce and half,
Rectified spirit, a pint;

Digest warm for three days; a fomentation to be used twice a day. Or,

Take of Spermaceti ointment, an ounce,
Oil of amber, half an ounce,
Oil of pepper, a drachm,
Euphorbium, nine grains,

A liniment, as before. The cold bath should be repaired to every morning; let the patient be just covered with water, and be taken out immediately, without a second dip. The warm bath is pernicious. Chalybeate waters should be drank, and electricity be tried, which I have sometimes known to be effectual, but oftener to fail. Emetics are extremely serviceable, particularly the dry vomit. See EPILEPSY. The following medicines have answered the Author's expectation :

Take of Horfe-rhadish scraped,
Mustard seed bruised, of each two ounces,
Galangal sliced, half an ounce,

Infuse in a quart of boiling water close stopped till cold; a tea-cupful to be taken twice a day.

Take of Cassumunar,
Ginger, of each an ounce,
Oil of turpentine, half an ounce,
Honey, enough for an electuary,

Of which let the bigness of a nutmeg be taken thrice a day.

Take of Tincture of guaiacum, two ounces,

Of these drops give two spoonfuls in three quarters of a tea cupful of new milk night and morning. The cold bath should not be omitted every morning 'till well.

D R O P S Y.

A DROPSY is a tumor of the abdomen, from an extravasation of serum in its cavity, or a stagnation thereof in the vessels, whereby they are distended and often ruptured. This may happen in many other parts of the body, as for instance, the hydrocephalus internus, hydrops pectoris, ovariorum, &c. When the lymph is contained in little vesicles in distinct cells, like a bunch of grapes, these are called Hydatides.

There are three sorts of this disorder.

Anasarca, or *Leucophlegmatia*, when the lymph stagnates in the whole habit of the pinguedinous substance, or cellular membrane.

Tympanites, when the turgescence of the abdomen is owing to the rarefied vapour, ichor, or putrefied fat: this is to be known by the tightness of the skin: the belly, if struck, sounds like a drum; from whence its name; no fluctuation of water can be perceived. In this case the paracentesis is sometimes fatal (nothing issuing but pus) and sometimes succeeds.

Ascites, when the lymph is collected in the duplicature of the peritonæum, or cavity of the abdomen: this is to be known by the quashing of water, to be felt on pressure of the hypogastre.

The *cause*. Whatever occasions a stagnation of the fluids in their vessels, the lymphatics to burst, and the lymph to fall between the membranes;

branes; as acute diseases, tumors, schirri, hard drinking, stoppage of necessary or usual evacuations, profuse bleeding, especially of the corpulent, who can never well bear the loss of blood; many fat persons have been bled into dropsies.

The *diagnostics*. Swelling of the ancles, insteps, or feet; afterwards of the abdomen, dyspnœa, heaviness, thirst, lassitude, torpor, costiveness, a slow hectic fever, leanness, no sweat; the urine crude, or red, white and small in quantity, excreted with difficulty, sometimes totally suppressed; anorexia, a teasing cough.

The *prognostics*. If taken in time, it is easily curable; in the worst stages a cure is not to be despaired of, if the patient will for four or five weeks persist in an entire abstinence from all liquids, a lump of sugar soaked in brandy excepted, which may be taken two or three times a day; if this is suffered to dissolve gradually in the mouth, it will sooner appease the most intense ragings of thirst than copious draughts of water. Many have recovered of this disorder in the most hopeless state, by that means, with the use of proper evacuants. If attended with a teasing cough, difficult respiration, quick pulse, prostration of strength, high-coloured urine, total suppression of it, obstinate costiveness, intolerable thirst (and the patient will indulge it) abscesses, lurid spots on the thighs, the body emaciated, the countenance pallid, and of a cadaverous aspect; these are the harbingers of death.

The *cure* wholly consists in evacuating the waters which are gathered, and in preventing their collection for the future. To this end conduce cathartics, diuretics, detergents, emetics (particularly the dry vomit) diaphoretics, (and the sooner the better) the paracentesis: after these, corroborants, stomachics, chalybeates, and astringents.

In every stage of this disease, the region of the abdomen should be bathed with sweet oil every night and morning, and twenty drops of the balsam of copaiva be taken on sugar twice or thrice a day. The purges from which I have experienced the most extraordinary effects are:

Take of Rhubarb, two drachms,
 Gamboge,
 Precipitated sulphur of antimony, of each
 half a drachm,
 Vitriolated quicksilver, a scruple,
 Simple syrup, enough for pills,

Number thirty-two; the dose, two or three morning and night. Or,

Take of Rhubarb, a drachm and a half,
 Gamboge, half a drachm,
 Calomel, a scruple,
 Simple syrup, enough to make into pills,

Twenty-four; two to be taken night and morning.

Take of Gamboge, a drachm,

For three powders; one of which should be taken in the morning fasting, twice or thrice a week.

As to diuretics, no small service may be expected from the broom ashes, and the tincture of cantharides, which are far superior to any of that tribe in this case. An ounce of the expressed juice of florentine orris root, taken twice a day, has cured several dropficals, as I have been told by a brother Physician; I never tried it. Of the expressed juice of artichoke leaves, a wine glass three or four times a day has certainly been effectual. Emetics are sometimes wonderfully efficacious: they ought not to be of the mildest sort. What I have usually given is,

Take of Vitriolated quicksilver, five grains,
Antimony tartarised, four grains,

Let this powder be taken fasting, and nothing be drank during the operation.

If the thighs are much swelled and hard, apply a warm fomentation of strong brine every night.

From the above sylloge the scientific practitioner may select that which will sufficiently answer his most sanguine expectations; nor need he question the safety with which any of them may be administered, any more than that of the following narcotic diaphoretic, which has performed apparent miracles: the patient should lie between two blankets instead of sheets, and the quantity of water which it will cause him to evacuate by the skin, is such as is beyond all belief, and that without the least diminution of the vis vitæ: though the removal of a load from a man's shoulders can scarcely be supposed to weaken him. This herculean medicine is,

Take

Take of Purified opium,
 Ipecacuanha, of each four grains,
 Vitriolated quicksilver, two grains.

A powder to be taken at bed-time.

In an anasarca, use oil to the belly, and the balsam of copaiva inwardly. If the legs are much swelled, they should be retained in a horizontal position for the chief part of the day, and straight stockings be worn. A gentle emetic every other morning; such as five grains of ipecacuanha, and the subsequent electuary and drops, I have found sufficient for a cure :

Take of Conserve of squills, an ounce and half,
 Magnesia alba, an ounce,
 Rhubarb, three drachms,
 Simple syrup,

Enough for an electuary ; the bigness of a nutmeg to be taken twice a day.

Take of Gamboge, half a drachm,
 Spirit of ammonia, an ounce and half.

Of these drops let a tea-spoonful be taken night and morning, or oftener, as occasion requires.

When the cure is nearly effected, to restore the fibres to their proper tone, it may not be amiss (as on restoration from a dropfy also) to use,

Take of Red bark, six drachms,
 Filings of iron, one drachm,
 Mucilage of gum arabic, enough for an electuary.

Dose, the size of a nutmeg twice or thrice a day.

In

In a tympanites (as also in a dropfy) a salivation has sometimes succeeded. See FLATUS. Perhaps it would be more eligible to use aloetic purges, corroborants and stomachics only, and leave the rest to nature.

JAUNDICE.

THE Jaundice is a copious effusion of the bilious fluid throughout the whole habit of the body.

The *cause* is most commonly an obstruction of the bile, from viscidities, or calculous concretions in the biliary duct, or in the liver itself, a schirrus of the liver; or, a too profuse secretion of bile.

The *diagnostics*. Of an overflowing of the bile, a yellow color of the skin, especially in the unica albuginea of the eyes, a bad appetite, thirst, bitter taste in the mouth, bilious vomiting, pain in the stomach or bowels, tumor at the pit of the stomach after eating, increasing in size and hardness; pain or swelling of the right hypochondre, periodical cholics, borborygmi, listlessness, itching in the skin, the urine and fæces intensely yellow.

Of an obstruction of the bile the diagnostics are white or cineritious stools: obstinate constipation: the color of the skin black, nidorous eruptions.

The

The *prognostics*. If recent, it is easily cured: a black turbid urine indicates the profligation of the disease; the yellower the skin, the easier; the blacker, the harder it is to be removed. From a schirrus in the liver, calculi in the vesica fellea, or if inflations of the hypochondres supervene, great danger is foreboded. In a state of pregnancy, it is of little consequence; parturition cures it. It sometimes terminates in a dysentery.

The *cure*. Venæsection is unnecessary. The diet should by no means be vegetable. A couple of raw eggs fasting, ought not to be omitted, and if repeated three or four a times a day, great advantage will result in every stage of this disorder. As to medicinal assistance, begin with the dry vomit, if there is no reason to suspect the existence of a calculus in the gall bladder, though even then it may be administered with safety, but the patient will suffer more pain; a clyster, therefore, or cathartic, may be preferable. Avoid chalybeates *at first*, for an incurable schirrus of the liver may be the consequence of their premature use, though they are the best of medicines in some states of this disorder. For children the following is equally safe and efficacious:

Take of Chalk, ten grains,
 Rhubarb, five grains,
 Filings of iron, one grain:

This powder may be repeated night and morning, or as there is occasion.

If a clyster is thought necessary, an ounce of soft soap, in seven ounces of the decoction for a
 . L clyster,

clyster, is an excellent one. I have been told that an ounce of the expressed juice of dandelion will cure the yellow jaundice, if taken twice or thrice a day; I never tried it. The balsam of copaiva is of considerable utility. Either of the subsequent medicines may be depended on, to answer all the ends which can be desired: one of the electuaries may be made use of first, the chalybeate pills to perfect and confirm the cure. The choice must depend on the circumstances of the case and skill of the prescriber.

Take of Tumerick,
 Venice soap, of each an ounce,
 Columba root, a drachm and half,
 Rhubarb, half an ounce,
 Oil of juniper, two drachms,
 Simple syrup, enough for an electuary,

Dose, the size of a nutmeg, twice or thrice a day.
 Or,

Take of Conserve of orange peel,
 Venice soap, of each an ounce,
 Magnesia alba, six drachms,
 Rhubarb, two drachms,
 Quicksilver with sulphur, half an ounce,
 Tolu syrup, enough for an electuary,

The size of a nutmeg night and morning.

Take of Socotrine aloes, a drachm,
 Asafœtida,
 Precipitated sulphur of antimony,
 Filings of iron, of each half a drachm,
 Simple syrup, enough for pills,

Number twenty-four: two to be taken morning and night.

Take

Take of Columba root,
 Rhubarb, of each a drachm,
 * Precipitated sulphur of antimony, half a
 drachm,
 Tincture of cantharides, enough for pills,

Thirty-two: two or three to be taken night and morning.

Take of Gum guaiacum, a drachm and half,
 Quicksilver pills,
 Camphire, of each half a drachm,
 Simple syrup, enough for pills,

Number thirty-two; two to be taken night and morning. Or, the powders at the close of this article.

Rhubarb alone, if skilfully administered, will remove almost any jaundice. Or,

Take of Rhubarb any quantity,
 Soap enough for pills, size of a pea,

Two three, or four, night and morning, enough to keep the body gently open.

In habitual bilious cholics, opiates may be given at discretion. The patient is often seized with a violent pain in the stomach and right side, a nausea succeeds, with vehement retchings, 'till the calculus passes through the ductus choledochus into the duodenum, and he is then in a moment as well as if nothing had happened, 'till another calculus obstructs the passage, and then

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* Or, filings of iron, half a drachm, and five grains of tartarised antimony.

the same tragedy is acted over again. I have seen persons to whom these fits have returned thrice in twenty-four hours. The following medicines have relieved them,

Take of Prepared kali, two drachms,
 Calcined antimony, one drachm,
 Pure water, seven ounces,
 Sugar, as much as you please,

Of this mixture, let three spoonfuls be taken thrice a day, with two tea-spoonfuls of the subsequent drops :

Take of volatile tincture of valerian, two ounces. Or,

Take of Columba root, a drachm and half,
 Grains of Paradise,
 Rhubarb, of each half a drachm,

Make into six powders, one to be taken night and morning. See Jaundice.

VENEREAL DISORDERS.

A CLAP is a flux of matter from the glands called lacunæ, situated in the internal parts of the urethra in men, and of the pudenda in women : the fluid which oozes from these secretory glands in their natural state, was designed to lubricate the passage and line it with a viscid mucus, which might sufficiently defend the extremities of the nerves from being irritated by the salts or acrimony of the urine : When this mucus is abraded and carried off by the attenuated

nuated discharge, occasioned by the venereal virus, which irritates their orifices; the urine causes an intolerable pungent, smarting, or burning sensation. Hence this disorder is called by the French, Chaudpisse.

The *cause* originates from an acid virus, or infectious miasmata acquired by impure coition: these insinuate themselves into the minute mouths of the lacunæ, consequently increase their diameter, from whence a copious running of thinner matter than usual must issue. Cowper's and the prostrate gland are often affected.

This distemper is by no means a native of Europe, but was first imported by Christopher Columbus to Naples from America, and spread through that city with prodigious rapidity. Somewhat more than a year after his return from his first voyage, the French army sat down before Naples in the year 1494. The Neapolitans being distressed by a scarcity of provisions, thought it necessary to discharge the most useless persons from their town, among whom were the courtezans, who were received by the besiegers with their usual politeness to that sex; the horrible ravages which this disorder soon after made in the camp, obliged the French to raise the siege; upon this account it obtained the name of the French disease, and will in all probability ever retain it, notwithstanding the umbrage France has taken at, and the repeated efforts she has made to shake off the opprobrium.

It was then a new disorder, and certainly was never known in Europe before; for whatever has been advanced to the contrary might easily be refuted: the physicians were puzzled, the people were alarmed, for it was supposed to be equally as infectious and fatal as the pestilence; neither monasteries nor nunneries were exempt from it, nor even the holy fathers of the conclave: it was to be caught (heaven blefs us!) by being in the same room with an infected person, or walking on the same side of the way in the street—but, however, with due deference to the characters of those times, it cannot be taken without contact. So deplorable was the situation of affairs then, that thousands were deserted, and left to rot without the least assistance.

But it being foreign to my design to enter into the history of diseases, I shall only observe, that there is no distemper which is better understood in this enlightened age, nor any one that is with more certainty, or with greater facility to be cured, even in all its stages, and without that nauseous (though formerly reputed necessary) process of salivation.

The diagnostics. Three or four days (generally) after the infection is received, the running comes down with a titillating sensation; difficulty in making urine; smarting, or scalding; sometimes the cavernous bodies of the penis are puffed up, appear like sponge, and are of an astonishing bulk; the matter yellow, or green, which last is the worst color it can be of, because it indicates an incipient gangrene; phymosis,
when

when the prepuce cannot be drawn back; paraphimosis, when it is tucked down behind the glans and cannot be brought forward to cover it; chordee, or great pain when the penis is erected; frequent stimulations to venery. When the infectious matter has crept into the lymphatics, and from thence is conveyed into the blood, a dry pox is the consequence; though perhaps the miasmata are of a nature quite different from those which produce a clap: yet if the running is stopped too soon in the latter, the symptoms of the former will undoubtedly appear, which are as follows: buboes in the groin, shankers; chrysellines, a swelled testicle: warts, mariscæ, fici, rhagades, condylomata, blotches; green seedy excrescences, on the neck, breast, or shoulders; ulcers in the head, eyes, nose, or fauces; mortification, nocturnal pains, tingling in the ears, gummi, nodes, tophs, a rash, scurf, crusts, scabs, caruncles and carnosities in the urethra, total suppression of the urine, bloody urine: atrophy, or wasting of the flesh; erratic pains in the sides; difficulty of breathing, especially when lying on the back; clonus hysterici, corona veneris; softness and rottenness of the bones. This affection of the bones is not unjustly ascribed more to the too liberal use of quicksilver than to the venereal virus: thus it may be observed that the nose falls when the salivation is at its height. Many symptoms mimic venereal complaints, which are entirely owing to the lodgment of quicksilver in the minutest vessels; sulphur clogs and chokes this active mineral. I have known numbers who
thought

thought that they laboured under a confirmed pox (when they were actually freed from the venereal venom) who have been not only relieved but perfectly cured of all their complaints by the use of an electuary composed only of flowers of sulphur and honey; dose the bigness of a walnut night and morning.

The *prognostics*. If the running is imprudently tied up before the infection is extirpated, a confirmed pox is the consequence, as is often the case also from the use and frequent repetition of drastic cathartics; for the natural elasticity or springiness of the fibres from such an irritation, will squeeze the infection into the blood. The miasmata will sometimes float about in the fluids for several weeks, before there is any appearance of those dreadful consequences which will sooner or later in good earnest take place. It is easily cured in any of its stages, by due care and proper medicines. It is curable with much less difficulty in men than in women.

The old method of giving a calomel bolus at night and a purge next morning, is justly exploded, for it tears the constitution to pieces, is at best a precarious and often fallacious procedure: by this means many a pox has been manufactured from a very trivial injury.

Salivation is not necessary even in the worst cases, nor is there any one to be cured by it who is not much more easily cured without it. When eruptions appear, with all the indications of a pox, what can be more ridiculously absurd
than

than to melt down those salts into the blood that they may pass off by the salival glands, when nature so plainly points out the method by which they ought to be expelled. The solution of muriated quicksilver hereafter-mentioned, with a proper liniment to open the pores and increase their diameter will enable her to throw them off by perspiration, salivation is the only effect of an alteration made in the fluids, which alteration is as easily made without producing that disagreeable and nauseous consequence; nor will it always succeed, for I have known many who have been salivated four, yea, five times without success, yet have found no difficulty in curing the same persons afterwards by much milder methods.

The *cure*. In a recent injury the intestinal canal should be kept gently open: bleeding and violent purging are equally improper and useless: there need be no alteration of the usual method of living, nor are the effects of the inflammation, as it is called, in the least to be dreaded. I have known several, who have been drunk every night 'till the cure was completed, without suffering any other inconvenience than an increase of the smart in making water, which must be the consequence of an increased running, an event in every other respect by no means undesirable.

Of the * *stronger quicksilver ointment* let the size of a small hazle nut be used night and morn-

* Or, which is neater, of white calx of quicksilver three drachms, ointment of hog's lard, half an ounce.

ing.

ing, to be rubbed on the perinæum, between the testicles and fundament, and the inside of the thighs. If injections are permitted, a tea-spoonful of oil of olives may be used night and morning. Or a scruple of calomel in an ounce of mucilage: a tea-spoonful of this also may be used twice a day, two grains of muriated quicksilver dissolved in six ounces of mucilage, which in most cases, used as a lotion also would alone be sufficient for a cure: however, without any injection, if the quicksilver ointment is made use of, and one of the following formulæ is given internally, such a method is as safe, certain, expeditious, and radical, as any in the power of medicine; this I have experienced in some thousands of instances.

N. B. Nitre is often prejudicial, and sometimes greatly increases the uneasiness in making water.

Take of Gum arabic, two ounces,
 Red sulphurated quicksilver, half an ounce,
 Jalap, three drachms,
 Oil of saffraſas, one drachm,
 Balsam of copaiva, enough for an electuary.

Dose, the size of a nutmeg, morning and night.
 Or,

Take of Gum arabic, an ounce and half,
 Quicksilver, with sulphur, an ounce,
 Gum guaiacum,
 Jalap, of each two drachms,
 Balsam of copaiva, sufficient for an electuary.

The bigness of a nutmeg to be taken twice a day.
Or,

Take of Rhubarb, four scruples,
Calomel, one scruple,
Simple syrup, enough for pills,

Twenty-four, two at night only. Or,

Take of Muriated quicksilver, five grains,
Muriatic acid, five drops,
Rhubarb, a drachm,
Simple syrup, enough for pills,

Twenty-four; two to be taken every night and morning.

Take of muriated quicksilver, ten grains, dissolve in
muriatic acid, ten drops, then add compound
tincture of lavender, an ounce,

For a bottle of drops; twenty to be taken in a
glass of white wine*, or milk*, or water gruel*,
or water, morning and night, with two scruples
of gum arabic in powder.

The author scarcely thinks it worth his while
to observe that he was the first person (as far as
he knows,) who gave the muriated quicksilver
inwardly: the above solution he invented after
innumerable trials in the year 1753, and has
used it ever since; he has ordered it some thou-
sands of times, and is fully persuaded that if it is
properly managed, there is no stage of this

disorder,

* These disguise the disagreeable taste best.

disorder, in which it will not prove efficacious, nor has it ever once deceived him. The only secret in the management of this medicine, is to give it in such a manner that it may act beyond the primæ viæ and not run off by stool; there is then no desirable effect which may not be expected from it. One motion in the twenty-four hours is natural, *one* may be produced by the drops; but if the patient should have more than *two* in a day, let the dose be diminished to fifteen, ten, seven, or even five drops.

A CONFIRMED POX.

Chrysellines need only be snipped, and the acrid lymph will be evacuated. A proper application to heal them with is,

Take of Ointment of elemi, half an ounce,
Red nitrated quicksilver, a drachm,

To be applied twice a day.

Buboes, if soft, white, or flabby, disperse by rubbing in the stronger quicksilver ointment, as before mentioned, every night and morning, at the same time taking inwardly the above drops.

If the buboes are red, hard and look angry, let the bread and milk cataplasm be applied to them till they break; the last prescribed ointment is an excellent dressing, or the gum plaister; they may be kept open with a pea, like an issue, as long as it is thought necessary. Some indolent tumors of this sort require opening.

Warts,

Warts, rhagades, &c. cut off and apply a caustic; if this is not permitted, use the stronger quicksilver ointment. Or, touch with these drops night and morning,

A scruple of muriated quicksilver dissolved in an ounce of water.

Caruncles try to break with a wax candle, if that doth not succeed, then with an armed probe apply.

Take of Ointment of elemi,
Red nitrated quicksilver, of each half an ounce,
Water of kali, twenty drops,

A liniment.

At the same time let not the stronger quicksilver ointment be omitted, but be rubbed externally on the urethra twice a day.

Carnosities require the same method of treatment with caruncles.

Phymosis.	} Soak the penis in warm milk night and morning. Avoid the least application of mercurial ointment to it. And,
Paraphymosis.	
Chordee.	
Swelled præpuce.	
Chancres.	

Take of Water of acetated litharge, twenty-five drops,
Rose water, three ounces.

A lotion to be used frequently. Chancres may be touched night and morning with a lotion of
M a scruple

a scruple of muriated quicksilver, dissolved in an ounce of water, and dressed with,

Take of the strongest quicksilver ointment,
Tar ointment, of each equal parts.

Crusts, scabs, blotches, and ulcers in the throat, if venereal, give the above solution of muriated quicksilver, and let a little of the subsequent powder be sprinkled on a hot iron, and the fumes be received in the fauces by means of an inverted funnel, twice or thrice a day.

Take of Red sulphurated quicksilver, two drachms,
Frankincense, two scruples,
Camphire, seven grains,

A suffiment. And,

Take of Muriated quicksilver, two grains,
Muriatic acid, two drops,
Rose water, six ounces ;

A gargle, to be used night and morning.

If owing to the relicks of the quicksilver (which is a very common case), give the sulphur and honey.

A swelled testicle. Give immediately five grains at least, of vitriolated quicksilver, and,

Take of Camphire,
Oil of olives,
Oil of aniseeds, of each half an ounce,

A liniment to be used every two or three hours.
Or,

Take

Take of Water of litharge acetated, two scruples,
Pure water, five ounces.

A lotion, in which let a piece of linen rag be dipped and laid on the testicle; when dry, to be again repeated, or kept constantly wetted, and the bread and milk poultice at night: if it is not resolving on the next morning, give a bolus of half a drachm of compound extract of colocynth, with ten grains of the quicksilver pills. The warm bath will hasten its removal. It should be suspended pretty tight by a bag truss, 'till well.

Take of Rhubarb, a drachm,
Calcined quicksilver, a scruple,
Simple syrup, enough for pills,

Twenty-four; two to be taken every night, or one night and morning. Or, if laxative,

Take of Gum guaiacum, one drachm,
Pure opium, half a drachm,
Calcined quicksilver, fifteen grains,
Simple syrup, enough for pills,

Number thirty-two; two to be taken every night.
Or,

Take of Muriated quicksilver, ten grains,
Spirit of nitrous æther, an ounce:

Of these drops let twenty be taken night and morning, in a glass of water.

Take of Winter's bark,
Mezereon, of each an ounce,

Boil in a gallon and half of water to a gallon; when the boiling is almost finished, add one ounce of extract of liquorice, and half an ounce of prepared kali to every pint. Of this apozem let half a pint be drank twice or three times a day, which, with the above drops or pills, will remove nocturnal pains, nodes, tophs, &c.

If the nocturnal pains are very grievous, rub on the shins some of the stronger quicksilver ointment every night, and give two of the following pills every other (or every) night, viz.

Take of Colocynth, two scruples,
Purified opium, one scruple,
Precipitated sulphur of antimony,
Vitriolated quicksilver, of each ten grains,
Simple syrup enough for pills,

Number twelve.

Cuticular eruptions will soon vanish, if rubbed over with the following liniment, morning and night :

Take of Hog's lard, an ounce,
Precipitated sulphur, two drachms,
White calx of quicksilver, two scruples,
Water of kali, a drachm,
Oil of saffras, twenty drops.

See SCORBUTIC ERUPTIONS.

The sarfa and china root are said to possess wonderful virtues; but the author, after a long series of fair trials, was so unfortunate as not to be able to discover them.

GLEET.

GLEET.

A GLEET is a drain of matter from the urethra.

The *causes*. An ill-cured clap; salivation; profuse venery; a strain; laxity of the fibres.

The *diagnostics*. From the abrasion of the mucus, heat of urine; indifference to coition; pain in the back, or loins; general debility; hanging down of the testicles; lowness of spirits; loss of appetite; at going to stool, the discharge of a glairy matter, in colour and consistence like the white of an egg; the colour of that which oozes is sometimes brown and sometimes yellow, of which last colour it may continue to be (if of long duration, or in those who have been frequently injured) without any remaining infection.

The *prognostics*. If white or ropy, or thin and glairy, or if flocci appear in the urine, it is easily cured. If of long standing, it will require some time to muzzle it.—There is no case so obstinate, but may be cured by some of the subsequent medicines. It has been the malleus medicorum, yet I never met with one (though I have had great numbers who were deemed incurable) with whom I did not succeed.

The *cure*. The patient should abstain from all vegetables, acids and sugar, if the case be inveterate, all fermenting liquors; malt or vinous spirits diluted with water, are harmless. The most proper regimen is—rising early in the morning;
M 3 gentle

gentle exercise; the cold bath, just plunging over head and ears (every morning) and coming out immediately without taking a second dip, or remaining one moment in the water: any animal food, particularly pork, pigeons, partridges, growse, flat fish, shell fish, eggs, jellies: for breakfast and supper, milk. From the medicinal classes; detergents, astringents, corroborants, chalybeates, balsamics, fatus, injections, and dry vomit. Isinglass chewed to the quantity of half an ounce a day, and the saliva swallowed, is an excellent auxiliary. The glans penis should be frequently washed: much depends on cleanliness. The following formulæ are such as have proved successful, and I never used any other:

Take of Gum arabic, two ounces,
 Olibanum, two drachms,
 Filings of iron, one drachm,
 Cantharides, a scruple,
 Balsam of Copaiva,

Enough for an electuary. The bigness of a chestnut to be taken night and morning.

Take of Red bark, an ounce,
 Gum guaiacum,
 Olibanum, of each half an ounce,
 Tincture of cantharides,

Enough for an electuary. Dose, the size of a nutmeg twice a day.

If costive,

Take

Take of Conserve of orange peel, an ounce and half,
Gum guaiacum, half an ounce,
Rhubarb, two drachms,
Oil of cloves, one drachm,
Tincture of cantharides,

Sufficient for an electuary. The size of a walnut
to be taken night and morning. Or,

Take of Socotrine aloes,
Filings of iron, of each a drachm,
Cantharides, nine grains,
Simple syrup, enough for pills,

Twenty-four. Two to be taken every night.
Or, if the body is too open,

Take of Purified opium, twelve grains,
Cantharides, seven grains,
Filings of iron,
Asafœtida,
Precipitated sulphur of antimony, of each
half a drachm,
Simple syrup,

Enough for pills, twenty-four; two every night.

Take of Tincture of Peruvian balsam,
Compound tincture of benzoin, of each an
ounce;

Of these drops let two tea-spoonfuls be taken
twice or thrice a day.

The testicles and parts adjacent should be
bathed with a fatus of brandy and vinegar, equal
parts, at going to bed, and on rising in the mor-
ning. Vinegar and water, or vinegar alone is an
excellent injection. Or,

Take

Take of Acetated ceruse, four grains,
 Calomel, a scruple,
 White vitriol, five grains,
 Rose water, eight ounces,

For an injection. A tea-spoonful to be used
 night and morning. Or,

Take of Muriated quicksilver, two grains,
 Muriatic acid, two drops,
 Rose water, eight ounces,

For an injection as before. Or,

* Take of Blue vitriol, a scruple,
 Boiling water, an ounce and half,

Dissolve in a copper vessel, and make an injection as before.

DIARRHOEA.

A DIARRHŒA is an immoderate, or too frequent discharge of the excrements. If the matter excreted is undigested food, it is called a lientery. If crude, of an ash-colour, or whitish, it obtains the name of a cœliac passion. If the fœces are sufficiently digested and aqueous, it is then a diarrhœa.

The *cause* of a lientery is whatever impedes fermentation in the stomach; or irritates its villous coat.

Cœliaca

* This Herculean remedy requires some care and nicety in the management of it, viz. to lower it with water to such a point as to give little or no pain at first.

Cœliaca arises from an obstruction of the lacteals, or deficiency of bile.

A diarrhœa is from a redundancy of serum, which may be owing to consent of parts, as a humid cerebrum, dentition, balbution, &c. from a too large quantity of food taken, at least such a one as is disproportionate to the powers of the digestive or chylopoietic organs; a morbid quality, lubricity of the intestines, laxity of the muscular fibres, deficiency of heat, sometimes from an effort of nature to relieve herself, by making a push at the bowels, and thereby carrying off a morbid colluvies.

The *diagnostics*. They in general appear from what has been said, to which may be added bilious, black, slimy, or viscid excrements; tenesmus; spumous, greasy, or aqueous dejections; sometimes like pieces of putrefied flesh; anorexia, faintness, lassitude, prostration of the vis vitæ, frequent gripings, borborygmi, swelled legs, an emaciated habit, cold sweats, spasms, a slow hectic.

The *prognostics*. If of long duration, it weakens and excoriates the viscera, from whence arise debility, dysentery, atrophy, inspissation of the fluids, universal laxity of the solids, and accumulated acrimony. Critical evacuations without much pain ought not to be checked: let a few doses of rhubarb be given to expel the noxious saburra and assist nature in her intentions. In a long continued series of moist weather, it is epidemical, from the exhaustion of the vital heat; in old age it is dangerous. Supervening

pervening a pleurisy or peripneumony (Hippocrates justly observes) formidable: it is bad, says the same author, if the stools are very aqueous, white, yellow, or frothy; worse if black, livid, little and glutinous.*

The cure. Let the patient be removed to a clear dry air; for the most healthy bodies are liable to this disorder on visiting a moist climate. Exercise should be taken, particularly riding on horseback in a morning: for diet, animal food, broths, jellies, and rice milk; the cold bath. For common drink, decoction of hartshorn; clysters are of considerable service, especially in case of a tenesmus; as,

Take of starch, a drachm and half, dissolve in six ounces of water, then add

Oil of olives, an ounce,

Tincture of opium, a drachm.

Astringents must be given, opiates ought not to be neglected, nor the dry vomit. Begin the cure with an emetic, viz, a scruple of ipecacuanha, and one grain of blue vitriol; then a lenient cathartic; after which, if the pain still continues, an anodyne. The reader will find a sufficient number of prescriptions, which have been successful, subjoined.

Take of Rhubarb, a scruple,

Toasted nutmeg, fifteen grains,

Prepared kali, ten grains,

Syrup of orange peel, enough for a bolus:

To be repeated occasionally.

* These are what nurses call death stools.

Take

Take of Compound powder of chalk, with opium,
two drachms,
Toasted nutmeg,
Mastich, of each a drachm,

For six powders; one to be taken twice a day,
drinking after it four spoonfuls of the following
mixture :

Take of the Chalk mixture, seven ounces,
Strong cinnamon water, two ounces. Or,

Take of Tormentil root,
Red astringent gum, of each a drachm,

For six powders; one to be taken twice or thrice
a day.

Take of the Compound powder of chalk with opium,
two scruples,
Filings of iron, three grains,
Syrup of white poppies, enough for a bole.

To be taken at bed time.

Take of Conserve of red roses, an ounce and half,
Compound powder of gum tragacanth, an ounce,
Syrup of white poppies, enough for an electuary.

Dose, the size of a nutmeg, three or four times a
day.

Take of Opiate pill, myrrh,
Mastich, of each two scruples,
Simple syrup, enough for pills,

Number twenty-four; one to be taken twice or
thrice a day.

Unripe

Unripe blackberries kept in powder are worthy a place in the shops; half a drachm may be taken twice or thrice a day, or the same quantity of extract of logwood. When the diarrhœa is subjugated, to recover the appetite and restore the tone of the fibres.

Take of Red bark, an ounce,
Aromatic powder, three drachms,
Filings of iron,
Galangal, of each one drachm,
Syrup of orange peel, enough for an electuary.

The size of a nutmeg to be taken night and morning.

Take of Tincture of catechu, six drachms,
Compound tincture of lavender, two drachms,

A bottle of drops: a tea-spoonful night and morning. Or,

Twenty drops of the muriated tincture of iron,
Night and morning.

DYSENTERY.

A DYSENTERY is a flux of blood from the bowels.

The *causes*. An acrid blood, erosion of the intestines, abrasion of their mucus; long continuance of a diarrhœa, somewhat acrimonious eaten, or drank, hypercathartes.

The *diagnostics*. Bloody dejections, with films, slime, pieces of flesh, phlegm, bile or pus; termina

termina in the stomach and bowels; faintness, spasms, tenesmus, Hippocratic countenance.

The *prognostics*. If it is imprudently stopped too soon, such a method is productive of the worst consequences; if attended with a hic-cough, syncopes, or in old persons, great danger is foreboded; from a gangrene or schirrus of the intestines, or meseraic glands, it is fatal.

The *cure*. For diet, rice milk, fat broths, and in the summer time, berries of all sorts may be eaten at pleasure, particularly strawberries. The expressed juice of the solanum is said to be a specific in this disorder, with what truth I know not; the cerated glass of antimony has been strongly recommended: I have seen instances wherein it has succeeded, but more wherein it has failed. The buds of birch powdered and mixed up with conserve of red roses is a medicine that will seldom disappoint expectation: this has for many years been sold at a guinea a gallipot, and is still used in the navy. The conserve of roses itself is no despicable remedy, for I have often known it to answer alone, when taken to the quantity of two or three ounces in a day.

Begin the cure with a dose or two of salts; after which a little rhubarb may be given; then give three or four grains of ipecacuanha, and two grains of tartarised antimony every morning;---with any of the following formulæ.

Take a sheet of white paper, cut into slips, boil in a pint and half of milk to a pint, to be taken at twice.

N

Take

N. B. This never deceived me. For common drink, two ounces of gum arabic may be dissolved in a quart of water, sweetened to the taste. Two scruples of the compound powder of chalk with opium, should be given every night.

Take of Conserve of red roses, two ounces,
 Yellow wax, half an ounce,
 Filings of iron,
 Galangal, of each a drachm,
 Syrup of orange peel, enough for an electuary.

The size of a nutmeg to be taken twice or three times a day. Or,

Take of Red bark, six drachms,
 Tormentil root,
 Red astringent gum, of each two drachms,
 Syrup of ginger, enough for an electuary.

Dose, the size of a nutmeg, thrice a day.

Take of Compound powder of gum tragacanth two ounces,
 Spermaceti, half an ounce,
 Balsam of Copaiva, enough for an electuary :

The bigness of a nutmeg to be taken morning and night.

Take of Red astringent gum, four scruples,
 Colomba root, two scruples,
 Purified opium, ten grains,
 Simple syrup, enough for twenty-four pills.

Two to be taken night and morning, or oftner, if occasion.

CHOLERA

CHOLERA MORBUS.

THE Cholera Morbus is a disorder of the stomach and bowels, always accompanied with vomiting and purging.

The *cause*. An acrid bile, which may be vitiated by various means; as by eating more than can be digested; by taking too copious a draught of cold water; by continuing too long in the cold bath; by a deficient secretion of the pancreatic juice; by profuse evacuations, or feeding voraciously on fat or fruit.

The *diagnostics*. It is most common in autumn; retching, nausea, purging, griping, spasms, contractions of the hands and feet, bitter taste in the mouth, green color of that which is ejected, and dejected, sometimes it is black; tremors, cold sweats, facies Hippocratica.

The *prognostics*. If the inclination to go to stool abates first it is a good symptom. Syncopes, a dicrotic or rebounding pulse, proclivity to evacuate, superseded by faintness, tumor at the pit of the stomach, all these signs denote great danger; in ancient persons, death.

The *cure*. Give plentifully of thin broths to facilitate vomiting; the custom is not yet relinquished of administering a puke, though it seems to be needless; broth also may be thrown up in clysters. Or,

Take of White poppy seeds,
Cucumber seeds, of each half an ounce, boil
in ten ounces of water to seven,
Oil of castor, two ounces,
Nitre, four scruples,
Acetated ceruse, a scruple,

For a clyster.

For common drink, give a decoction of a crust
of bread well toasted, 'till broth can be prepared,
or coffee. Apply a bit of cotton dipped in the
following mixture to the pit of the stomach :

Take of Camphire, a scruple,
Tincture of opium, two drachms,
Oil of nutmegs, cloves and mint, of each
twenty drops.

Or, bathe the pit of the stomach frequently with
brandy, or camphorated spirit.

Take of Calcined antimony,
Rhubarb, of each a scruple,
Purified opium, two grains,
Simple syrup, enough for a bole,

To be taken as soon as the patient has had plen-
tiful evacuations upwards and downwards, and
begins to grow faint, washing it down with the
following draught.

Take of Peppermint-water, an ounce and half,
Spirit of cinnamon, half an ounce.

See Colic and Vomiting.

TENESMUS.

TENESMUS.

ATENESMUS is a continual desire of going to stool without voiding any thing more than an acrid mucus: the part affected is the rectum, or its sphincter. It is rarely an idiopathic disease.

The *cause*. A laxity of the fibres; spasmodic constriction, a paralytic affection of the sphincter ani; abrasion of the mucus of, ulcer, or acrid irritating fluid in the rectum; hæmorrhoides, worms, stone, diarrhœa, dysentery.

The *diagnostics*. A pungent pain in, or about the rectum; frequent inclinations to go to stool, without correspondent evacuations; violent straining without voiding any thing but a viscid or bloody mucus: sensation of lassitude, faintness.

The *prognostics*. If idiopathic, and the patient is not subject to a prolapsus ani, it is by no means formidable or rebellious, if it proceeds from an ulcer in the strait gut, or if it is symptomatic in a diarrhœa or dysentery, or accompanied with syncopes, it portends great danger and demands immediate assistance.

The *cure*. Use emollient fomentations and clysters; let the body be kept as still as possible and in an easy position.

Take of Gum arabic, an ounce, dissolve in seven ounces of whey, to which add
A drachm of tincture of opium,

For a clyster. Or,

Take of New milk, five ounces,
Sweet oil, two ounces,
Tincture of opium, a drachm,

For a clyster.

Or, the starch clyster in diarrhœa.

Take of Flowers of sulphur,
Rhubarb, of each a scruple,
Purified opium, two grains,
Simple fyrup, enough for a bole,

To be repeated as there may be occasion.

Take of Conserve of red roses, an ounce and half,
Spermaceti,
Elecampane, of each half an ounce,
Rhubarb, a drachm,
Syrup of white poppies, enough for an electuary,

The size of a nutmeg to be taken morning and night.

PILES.

THE Piles are a painful and sometimes periodical tumor in the lower part of the rectum; if they discharge blood, they are called the bleeding piles; if not, the blind piles: according to the size and shape, they are nominated verrucal, uval, moral, or vesical.

The

The *causes*. A plethora, a cacochymy; violent exercise, particularly hard riding; neglect of usual evacuations, laborious efforts in parturition; constipation of body, straining hard at stool, lentor; viscidities, or acrimony of the fluids.

The *diagnostics*. Swelling of the anus, great pain at going to stool, voiding of blood, sensation of a pungent pain; heat, or weight and pressure in the anus.

The *prognostics*. They sometimes, though rarely, inflame and become gangrenous; sometimes grow ulcerous and bring on a fistula. If they continue long without being resolved, they are extremely troublesome and even render life burthensome. If they happen periodically and are always attended with a discharge of blood, they are salutary critical evacuations, and to stop them may prove dangerous, unless the bleeding is very profuse and occasions faintness, weakness, or loss of appetite.

The *cure*. Due regard must be paid to the cause from whence they spring, and the concomitant symptoms with which they are attended. If owing to a plethora, bleed; or order a diluting sparing regimen, with the liberal use of fruit, vegetables, cucumbers, and such like. But if they appear in a cachectic habit, it is needless to say that all these things should be avoided, and those only proposed which are easiest of digestion.

Note,

apply thick soap pack
to the part. two or three times
if it gives immediate relief. no
further medicine wanting

Note, the viands which digest soonest and afford the most laudible nutriment, are milk, eggs, partridge, chicken, shell-fish, jellies, and pork; there is no vegetable that digests so soon as animal substance; the bones of birds will be converted into a mucus in the stomach in less time than even bread, as I have found by frequent experiments. Nature never designed that mankind should use a vegetable diet only, and it is astonishing that Dr. Cheyne should recommend it to hypochondriacs and to persons subject to the gout; though indeed he retracted what he had wrote on this head before he died.

The means necessary for the relief of patients in this disorder are fomentations, liniments, astringents, attenuants, resolvents, sulphureous medicines and opiates.

For the bleeding piles,

Take of expressed juice of yarrow,
 ——— of plantain, each five ounces,
 Sugar, as much as you please.

Of this mixture let four spoonfuls be taken night and morning,

If the patient is costive,

Take of Electuary of fenna, an ounce,
 Precipitated sulphur, seven drachms,
 Jalap, one drachm,
 Syrup of buckthorn, enough for an electuary.

Dose the size of a nutmeg morning and night.

If

If he is of a lax habit,

Take of Compound powder of chalk,
Olibanum, of each a drachm,
Simple syrup, enough for pills,

Number twenty-four; two to be taken once or twice a day.

A fots may be used, of an ounce and a half of lime-water, with half an ounce of tincture of opium. Or, an ounce of the ointment of marshmallows, with five grains of opium; this ointment or the above should be applied two or three times a day.

For the blind piles,

Take of Quicksilver with sulphur, an ounce and half,
Precipitated sulphur, half an ounce,
Rhubarb, a drachm and half,
Honey, enough for an electuary.

The bigness of a nutmeg to be taken night and morning.

The parts may be touched three or four times a day with hog's lard, or oil of amber, or camphorated spirit.

The following electuary is not only excellent in this disorder, but I have seen amazing effects from it in the cure of a fistula.

Take

*Soap & other such
are for Piles —*

Take of Flowers of sulphur,
 Elecampane, of each an ounce,
 Sweet fennel seeds, half an ounce,
 Black pepper, two drachms,
 Balsam of copaiva, or honey, enough for an
 electuary.

Dose the size of a walnut, twice or thrice a day.

HEART-BURN.

THE Heart-burn is a painful sensation of heat and sourness about the left orifice of the stomach, which is called cardia, from whence its name, viz. Cardialgia.

The cause. An acid acrimony arising from a too rapid fermentation in the stomach; the corrosive steams of this acid affect the plexus of the nerves on the upper orifice of the stomach.

The diagnostics. Acid eructations, a hot burning pain at and above the scrobiculus cordis, an involuntary flux of tears, nausea; vomiting soon after meals, of a greasy inflammable pituita; spasms in the stomach and bowels; the rising of water in the mouth, particularly in the morning; sickness soon after rising from bed, borborygmi, flatus.

The prognostics. It is never dangerous, but extremely troublesome, especially after riding or smoking; those who are subject to it are free from

from inflammatory fevers; it is sometimes a tedious while e'er it can be eradicated though always curable; if it is suffered to continue long, it may occasion a cephalalgia, vertigo, epilepsy, and convulsions of all sorts.

The *cure*. The spasmodic or rheumatic pain in the stomach requires the use of aromatic heating medicines, as a scruple of camphire in half an ounce of æther; this noblest of all antispasmodics should be taken in a spoon, without mixing any thing with it, or swallowing any thing immediately after it: the tincture of guaiacum, half an ounce in six ounces of water; opiates, aloetic purges, chalybeates, and the dry vomit. See FLATUS.

The gout in the stomach is soon removed by the above-mentioned solution of camphire in æther, the guaiacine tincture; drinking moderately of spirits or Madeira wine, or the liberal use of opiates.

Periodical pains are to be removed by the bark, or if they do not yield to *that*, by the dry vomit.

Whatever ferments speedily in the stomach should be avoided, as vegetables, fruit, sugar, wines, malt and all liquors that have not passed the state of fermentation: Madeira is said to be the only wine which will not ferment in the stomach. The dinner should be made of animal food, and nothing but water drank with it; the breakfast and supper should be milk. A draught of milk and water will generally relieve the pain, whenever it is violent.

The

The *cure* may be perfected by the occasional use of chalk or magnesia troches, oyster-shells, bole, terra lemia, red coral, crabs eyes or claws, egg shells, burned hartshorn, liquorice, chalk, or lime-stones, the oils of nutmeg, cloves, or cinnamon.

Take of Gum arabic, two ounces,
Prepared kali, six drachms,
Pure water, a pint and half;

When the gum is dissolved and the salt, add four ounces of spirit of cinnamon : of this mixture, three or four spoonfuls may be taken, twice or three times a day.

Of the aloetic wine, two tea-spoonfuls may be taken morning and night. Or, thirty drops of water of kali, in a glass of water.

Take of Socotrine aloes,
Filings of iron, of each a drachm,
Simple syrup, enough for pills,

Number twenty-four ; two to be taken morning and night.

In very obstinate cases an emetic should be premised, then a purgative of two ounces of the aloetic wine ; after which, either of the above formulæ will complete the cure.

C O L I C.

THE Colic is a severe pain in the belly, affecting the epigastre or hypochondres; the part affected is the gut colon, sometimes the ilium.

The *causes*. Distention from flatulencies, acid gas, irritation of the villous coat of *that* intestine, crudities, costiveness, ruptures, solution of continuity, scybals, acrimony of the bile.

The *diagnostics*. A violent pain in the abdomen; at one time affecting the whole of it, another time determined to one point; sometimes shifting from place to place, sometimes fixed, while the belly swells as if it would burst; the patient is costive, makes but little urine; a fever and strong pulsation in the abdomen are its usual concomitants, with vomiting, rugitus, or rolling noise in the intestines, but always a vehement and tensive pain.

In the bilious Colic, yellow or greenish matter is ejected: the eructations are nidorous, the thirst is more intense, and the fever higher than in the flatulent colic.

The Colica Pictonum infests the hands and feet. For this the balsam of Peru has been found an excellent remedy; the dose thirty or forty drops, to be repeated as there is occasion.

The Stone Colic must be treated with a view to its cause. See STONE.

The Hyſteric Colic is not dangerous. See HYSTERICs.

The *prognostics*. If the pain is mild, or if it intermits, and the conſtipation of body is not very refractory, it is eaſily cured. If the pain is fixed, and there be no paſſage downward; if it is attended with intolerable reſtleſſneſs, vomiting, fainting, hiccoughs, cold ſweats, and delirium, there is no ſmall danger. It not unfrequently terminates in a paſſy, jaundice, epilepsy, or dropſy. If owing to an inflammation of the bowels, and the pain ſuddenly vaniſhes, it will prove fatal, for the parts are then ſphacelated.

The *cure*. The concomitant fever is of leſs conſequence than it is often imagined to be, being only ſymptomatic, and when the cauſe is removed, will ceaſe of courſe. In general phlebotomy is unneceſſary, and ſuperinduces much worſe diſorders, for thoſe juſt mentioned (when colics terminate thus unfavourably) are not a little obliged to the lancet for their exiſtence. Clyſters are peculiarly ſerviceable, becauſe they are ſoonest conveyed to the affected part, and expedite the diſcharge by ſtool. The uſe of opiates (as in all painful diſorders) is indicated. Semi-cupia are highly beneficial.

In the Bilious Colic, tartariſed antimony, clyſters, aloetic, or rhabarbine purges and anodynes are to be uſed. See JAUNDICE and FLATUS.

In the Hyſteric Colic, cordials, diaphoretics, anti-hyſterics, clyſters, and chalybeates, are indicated.

In the Stone Colic carminatives are of little ſervice : regard muſt be paid to its original cauſe. See STONE.

In the Flatulent Colic begin with a purgative clyſter : if attended with a high fever, and the patient is really plethoric, draw off fix or ſeven ounces of blood. Then,

Take of Common water, fix ounces,
Oil of olives, two ounces,
Vitriolated natron, an ounce and a half,
Tincture of opium, a drachm,

For a clyſter. Or,

Take of Balfam of copaiva (diſſolved in the yolk of
an egg) half an ounce,
Mountain wine, fix ounces,
Linſeed oil, two ounces,
Purified opium, five grains,

A clyſter. Or,

Take of Colocynth, a ſcruple,
Purified opium, ten grains,
Vitriolated quickſilver,
Præcipitated ſulphur of antimony, of each five
grains,
Simple ſyrup, enough for pills,

Eight : two every hour till the pain ceaſes.

Take of Wine of aloes, two ounces and a half,
Syrup of buckthorn, half an ounce,

A draught to be taken immediately. Or,

Take of Tincture of fenna, two ounces and a half,
Syrup of roses, half an ounce,
Purified salt of amber, ten grains,

A draught.

If the pain continues after the draught begins to work, use the above pills, one occasionally.

I have known electricity often remove the colic: to say the truth, I never knew it tried without giving immediate relief; it has sometimes returned, but a repetition of the same has had the same effect as before. Ten or fifteen grains of allum often repeated, are said to cure an habitual colic.

ILIAC PASSION.

THE Iliac Passion is an inversion of the peristaltic motion of the intestines; consequently in this case nothing can pass downwards. It is called Volvulus and Miserere mei.

The *causes*, The intromission of a superior part of an intestine into a lower, or e contra; induration of fœces in the rectum into scybals; vomiting, irritation, a rupture, acrid bile.

The *diagnostics*. A most acute pain in the small, sometimes in the large guts; generally about

about the umbilical region; above it, a tumor; difficulty in making urine; the anus so fast closed by a spasm, as to become totally impervious; it comes on slowly, while the tumor in the belly grows bigger and harder; vehement straining, ejection of excrements by the mouth, difficult respiration, cold sweats, hiccoughs, frigidity of the extremities, syncopes, subsultus tendinum, idiotcy.

The *prognostics*. This terrible disorder is incident to persons of all ages; to old persons it is fatal; hiccoughs and convulsions are the forerunners of death; so is also a sudden disappearance of the pain, being the sign of a mortification.

The *cure*. I have relieved some after the fœces came up at the mouth by cold pediluvia. Let the patient be taken out of bed, and being supported by two persons, throw water as cold as can be procured on the feet, then dash it on the legs, and in a few seconds more on the thighs; after wiping him dry, replace him on the bed, and in a quarter of an hour, if a stool is not produced, repeat the same manœuvre; if the second operation fails, success is not to be expected.

If it proceeds from a hernia, reduce the intestine if possible. If plethoric, which is seldom the case, a little blood may be taken away. Inject, if it can be done, a clyster of tobacco smoke, it is an Herculean remedy; then give a clyster of seven ounces of oil, with a drachm of colocyinth boiled in it. Some give five ounces, or

O 3

even

even half a pound of live quicksilver, for a dose ; if voided by stool, the patient will recover ; if retained, as it often is, it expedites his end ; I have found it in the sigmoid flexure of the colon. For several nights after recovery, a paregoric will be necessary. The following simple draught has been exceeding serviceable :

Take of Tincture of aloes, an ounce,
 Syrup of white poppies,
 Oil of olives,
 Vinegar, of each half an ounce,
 Spermaceti, two drachms :

A draught ; to be taken every three hours.

Take of Vitriolated natron, two ounces,
 Pure water, six ounces,
 Tincture of asafœtida,
 Tincture of opium, of each two drachms ;

A clyster.

Take of Colocynth, two scruples,
 Purified opium, one scruple,
 Vitriolated quicksilver,
 Precipitated sulphur of antimony, of each ten grains,
 Simple syrup, enough for pills,

Twelve : two to be taken occasionally.

APPETITE BAD.

WHEN the appetite is depraved, or the stomach deprived of its usual appetence for food, or when a nausea is felt at the sight or smell of victuals, a person is said to labor under an anorexia.

Apepsia

Apepsia is when the digestive organs are incapable of elaborating the aliment into chyle, or a lost digestion.

Bradypepsia is when digestion is performed slowly and with great difficulty, or a diminished digestion.

Dyspepsia is when the food cannot so properly be said to be digested, as converted into a morbid colluvies not fit for nutriment, and may therefore be called a Depraved Digestion.

They all proceed from the same causes, and require the same method of cure.

The *causes*. A laxity of the muscular fibres of the stomach, a glutinous pituita; a deficiency of the secretions, particularly that of saliva or the gastric fluid; grief, fear, the mind being intensely fixed on one object, hard drinking, former voracity, profuse excretions, want of sleep, or exercise, deficiency of heat in the stomach, severe studies.

The *diagnostics*. Frequent retchings, paleness, borborygmi, tension of the scrobiculus cordis, nidorus eructations: after long continuance without food, no inclination to eat; at the sight of victuals, nausea; after eating, vomiting and swelling at the pit of the stomach, sensation of coldness in the stomach.

The *prognostics*. It oftens terminates in a marasmus, dropsy, jaundice, or cachexy, and the patient dies tabid. It is always of bad consequence if of long continuance, for the patient

patient gradually grows worse while the disorder increases in obstinacy. There are but few cases which are irremediable.

The *cure*. The patient should humor his stomach by eating whatever he feels the least inclination for, and of that a little at a time, and often.

For diet, see PHTHISIS, HYPOCHONDRIA, IMPOTENCY, and WEAKNESS of the SOLIDS.

The chalybeate waters are useful, or if from frequent acts of intemperance and ebriety, the Bath waters; acids, bitters, change of air, exercise, sleeping soon after meals, gentle cathartics, astringents, aromatics, but above all the dry vomit.

Take of Ipecacuanha, five grains,
Blue vitriol, one grain;

Let this powder be taken in the morning fasting, three times a week, without drinking any thing during the operation.

Take of Aloetic pills, a drachm,
Precipitated sulphur of antimony,
Filings of iron,
Myrrh, of each half a drachm,
Simple syrup, enough for pills,

Number thirty-two; two to be taken twice a day.

If not costive,

Take of Conserve of wormwood, an ounce and half,
Galangal,
Zedoary, of each half an ounce,
Syrup of orange peel, enough for an electuary,

Dose, the size of a nutmeg twice a day.

Take

Take of Aloetic pills, two scruples,
 Snake-root, a drachm,
 Long pepper, half a drachm,
 Oil of cinnamon, twenty drops,
 Simple syrup, enough for pills,

Number thirty-two; two to be taken morning and night.

A tea-spoonful of the compound tincture of gentian, may be taken thrice a day, or tincture of orange-peel, or of the diluted vitriolic acid. See FLATUS.

BULIMUS.

BULIMUS, or canine appetite, is so called from the constant propensity that is felt to eat, and the voracity with which the food is devoured.

The *causes*. A digestion too quick, a too liberal use of acids, immoderate evacuations, worms, acrimony of the gastric fluid.

The *diagnostics* are sufficiently obvious.

The *prognostics*. It is often succeeded by a bulimia: that is when the same inclination to eat remains without the power, and after the patient does eat, he faints. If not cured, it terminates in a lientery, a cachochymy, or atrophy.

The *cure*. Let fat meat and fat broths be the principal diet; sweet wines or new beer, the chief

chief liquids that are drank. Give emetics, particularly the dry vomit and aloetic cathartics. If it proceeds from worms,

Take of Quicksilver with sulphur,
Tin, of each two drachms,

For six powders ; let one be taken morning and night.

Take of Socotrine aloes,
Filings of iron,
Asafoetida, of each two scruples,
Oil of wormwood, enough for pills,

Number twenty-four ; two to be taken twice a day.

Take of Socotrine aloes,
Filings of iron, of each a drachm,
Calomel,
Colocynth, of each a scruple,
Simple fyrup, enough for pills,

Thirty-two ; two to be taken night and morning.

Take of Mutton suet, four ounces,
New milk, eight ounces,

For a draught to be drank warm.

Opium may be given occasionally, not in less doses than three grains.

VOMITING.

THE *cause* of Vomiting is a convulsive or inverted motion of the stomach; owing to some irritation of the nerves of its left orifice, which may be occasioned by consent of parts, as failing, tickling the throat, &c. to a laxity also of its muscular fibres, acid acrimony, or redundancy of bile.

The *diagnostic* is obvious. If idiopathic, no part is affected but the stomach. If symptomatic, reference must be had to the primary disorder.

The *prognostics*. It is often a critical expulsion of an acrid morbid matter, and should then be promoted by an emetic and broth. If of more than two days continuance (at times) or if the patient is always sick after eating, it ought to be prevented, or it will terminate in an anorexia, marasmus, or paralytic affection of the stomach.

The *cure*. Give a gentle emetic, or five or seven grains of ipecacuanha, every morning fasting, for a few days, letting it work itself off without drinking. Its prevention is to be secured by anti-emetics, nervines, cardiacs and opiates. Repeated applications of camphorated spirit to the pit of the stomach; fomentations and stomachic plaisters may be used: it would not be amiss to apply them under the left shoulder rather than to the pit of the stomach. Preparations of mint are of great utility, either the essential oil, or an infusion of the leaves in the distilled water
of

of the same. If it proceeds from an acid acrimony, give plentiful draughts of broth, and a drachm of the magnesia alba occasionally.

A scruple of colomba root as often as is necessary.

See COLIC, CHOLERA MORBUS, FLATUS, and APPETITE BAD.

Take of Prepared kali, two scruples,
Conserve of wormwood, half a drachm,

Let this be washed down immediately with two ounces of lemon juice, or vinegar, or a draught composed of an ounce of lemon juice, and one ounce of peppermint-water.

Take of Bay berries, half a drachm,
Grains of paradise,
Galangal, of each ten grains,
Oil of cinnamon,
Oil of mint, of each three drops,
Purified opium, two grains,
Syrup of orange peel, enough for a bole,

To be taken at bed time.

A tea-spoonful of compound tincture of lavender may be taken occasionally, or of colomba, or of cascarilla.

SYNCOPE.

SYNCOPE, or fainting, proceeds from an obstruction of the efflux of the nervous influence along the par vagum.

The

The *causes*. Weakness, intense pain, hunger, thirst, anorexia, profuse evacuations, excess of external heat, passions of the mind, hysteric affections, uterine furor.

The *diagnostics*. Paleness, cold sweats, low fluttering pulse, tremblings, cessation of motion and sense.

The *prognostics*. It is always dangerous, excepting in hysterical paroxysms, and then it is of little consequence. From excessive evacuations, or after convulsions, or supervening the ravages of a fever, it is often fatal.

The *cure* is to be effected by nervines, cardiacs, sternutatories, volatiles, opiates, the aromatic confection, ginger, a generous diet, and the cold bath.

See EPILEPSY, FLATUS, and WEAKNESS of the SOLIDS.

Take of the Chalk mixture, seven ounces,
 Spirit of cinnamon, two ounces,
 Compound tincture of lavender,
 Balsamic syrup, of each half an ounce,

A julep, of which give three or four spoonfuls as there is occasion. It is a most excellent cordial.

Take of Volatile tincture of valerian, an ounce and half,
 Compound tincture of lavender, half an ounce.

Two tea-spoonfuls of these drops to be taken in a glass of water two or three times a day.

POISONS.

IF poisons have been taken internally, give immediately three grains of blue vitriol, and five grains of the yellow emetic quicksilver, with frequent and large doses of sweet oil afterwards, and two scruples of kali every three hours.

For the bite of a mad dog. Apply a cataplasm of pickled herrings to the part affected; or a caustic with the following dressing, half an ounce of gum elemi, and two drachms of the red nitrated quicksilver. Use musk, alkalis, mercurials, and immersion in salt water.

Take of Camphire, a drachm and half,
 Precipitated sulphur of antimony,
 Vitriolated quicksilver, of each half a drachm,
 Simple syrup, enough for pills,

Number thirty-two; one to be taken morning and night.

N. B. I fear all the above, and the famous Ormskirk medicine too, are equally useless, if the dog be *really* mad.

For the bite of a viper. Bathe the part affected with warm oil often.

Sting of an insect. Apply a piece of allum wetted to the part frequently, or balsam of Peru and Hungary water, of each equal parts; or oil of olives and oil of turpentine equal parts, or camphorated spirit, tincture of myrrh, of each equal

equal parts; or of water of ammonia and oil of amber, of each equal parts, or, an aqueous solution of opium.

PALPITATION of the HEART.

A PALPITATION of the heart is a preternatural systole of that viscus.

The causes. It is often owing to a plethora, to polypous concretions, sometimes to a deficiency of nervous influence, or influx disproportionate to the elasticity of the muscular fibre, indolence, ebriety, acid gas, spasms, acrimony of the fluids.

The diagnostics. A fluttering pulse, temporary stoppage of the breath, a preternatural pulsation on the left side, to be felt by the hand, and sometimes to be heard.

The prognostics. If it is owing to fleshy excrescencies or grumous clots, it is incurable: if from a plethora, it is to be removed by bleeding only; if from an acid halitus, easily curable by alcalis and cardiacs. If of long continuance, it often terminates in an apoplexy.

The cure. It must be treated according to the cause it proceeds from. If the patient is not plethoric, avoid all evacuations and use one of the subsequent remedies:

A scruple of camphire, dissolved in half an ounce of æther,

For a draught.

Take of Compound tincture of lavender,
Tincture of castor, of each half an ounce,

Of these drops let two tea-spoonfuls be taken twice or thrice a day.

Take of Gum arabic, two ounces, dissolve in
Pure water, a pint,
Tincture of cantharides,
Oil of turpentine, of each half an ounce,

Two or three spoonfuls of this mixture to be taken night and morning.

Spasms, Opisthotonos, Convulsions.

SPASMS owe their origin to an irregular or unequal influx of the vital heat into the affected muscles; or great deficiency thereof. They require the use of vesicatories, emetics, and antispasmodics, such as gum ammoniac, asa-fœtida, valerian, musk, blue vitriol, or which is second to none of them, a scruple of camphire in half an ounce of æther.

Painful spasms demand the liberal use of opiates.

In the opisthotonos and the locked jaw, purified opium may be given, even to the quantity

tity of seven or eight grains for a dose, washing it down with seven or eight ounces of the musk julep, or two grains frequently repeated, i. e. every hour, 'till the end is answered.

Convulsions of all sorts in children yield to the following:

Take of Prepared kali, a drachm,
Tincture of asafoetida, half an ounce,
Peppermint water, an ounce and half,

Let a tea-spoonful be given three or four times a day.

DIABETES.

A DIABETES is a preternatural discharge of urine.

The *causes*. An obstruction of insensible perspiration, dilatation of the renal glands, too great attenuation of serum, laxity of the fibres, hard drinking.

The *diagnostics*. If of long standing, or supervenes on the departure of a fever, it is dangerous; proceeding from weakness of the solids, it is difficult of cure: in old persons seldom removeable.

The *cure*. For diet see PHTHISIS and HYPOCHONDRIA. Astringents, chalybeates, balsamics, mineral acids, agglutinants and corroborants are proper in this case, as also is the

cold bath. A vesicatory applied to the os sacrum has an admirable effect. For common drink, the decoction of hartshorn may be given, with an ounce of infusion of roses in every pint; or lime-water, or the Bristol waters, or allum whey, which will sometimes effect a cure alone: it may be prepared by putting two drachms of roch-allum in a pint of boiling milk: half a pint to be drank twice a day. If costive, let aloetics be given. The dry vomit is of considerable utility. The following have been all found serviceable: See DIARRHŒA.

Take of Mastic, a drachm and half,
 Balaustines,
 Olibanum, of each half a drachm,
 Simple syrup, enough for pills,

Number thirty-two; three to be taken twice or thrice a day.

Take of Compound tincture of lavender, an ounce,
 Vitriolic acid, half a drachm,

Of these drops, let a tea-spoonful be taken thrice a day. Or, of

Tincture of cantharides.

A tea-spoonful morning and evening.

Take of Gum arabic, an ounce,
 Red bark, six drachms,
 Red astringent gum, half an ounce,
 Tincture of cantharides, enough for an electuary.

Dose, the size of a nutmeg, twice a day.

WORMS.

WORMS.

WORMS are of three sorts, teretes, or the round worm, whose seat is in the stomach; tænia, or the tape-worm, which is to be found in most of the intestines; ascarides, or the small worm, seldom to be met with but in the rectum.

The *cause*. Ova received with the food.

The *diagnostics*. Inflation of the abdomen; violent pain and spasms in the stomach and bowels; itching of the nose or anus; fœtid breath, voracity, the excrements greasy, or greenish, or slimy; coma, nausea, moistness of the mouth and flavering in the night, grinding of the teeth, faintness, cold sweats, delirium, convulsions; shocks, similar to electrical ones; flushing heats, flying pains, anxiety, alternate swelling and subsidence of the veins, the pulse weak and intermitting, thirst, paleness, vagrant stiches, epileptical paroxysms, paralytical strokes, which go off spontaneously on the removal of the cause.

The *prognostics*. If they remain long in the intestinal canal, they produce a variety of unaccountable disorders: strange and incredible are the effects which are occasioned by these detestable vermin; few persons are wholly free from them, particularly females. If after they are destroyed they are not conveyed out of the body, a putrid acrimony may be the consequence; small doses of cathar-
tics

tics should be continued for some time after they are killed, not only for the above reason, but to cleanse the bowels from the adhering ova.

The *cure* is to be effected by aloetics, chalybeates, oils, oleous clysters, prepared kali, or oil of wormwood, which may be applied to the navel, or a plaister of aloes and galbanum may be smeared over with it, and applied to the umbilical region for children. New milk in a decoction of quicksilver, two ounces to a pint for four doses: flowers of sulphur mixed up with honey, the size of a nutmeg to be taken night and morning; red sulphurated quicksilver is an excellent anthelmintic, as also are the filings of pewter, which may be given to adults to the quantity of a drachm, fasting, or the same quantity of tin. The following pills are equal to any thing in efficacy:

Taste of Socotrine aloes,
Filings of iron, of each a drachm,
Calomel, a scruple,
Simple syrup, enough for pills,

Number twenty-four; dose, two morning and night. Or,

Take of Quicksilver with sulphur, an ounce and half,
Seeds of Santonicum, half an ounce,
Honey, enough for an electuary,

The size of a walnut to be taken night and morning. Or, if of a laxative habit,

Take

Take of Red bark, an ounce,
 Coralline, half an ounce,
 Mucilage of gum arabic, enough for an electuary.

Dose, the bigness of a chefnut morning and night. See WORM FEVER.

SCURVY and SCORBUTIC ERUPTIONS.

THE Scurvy is a cacoehymic diathesis of all the fluids.

The *causes*. An acidity, an acrimony, or (at Sea) putrefactive quality in the blood, often introduced by a moist air, obstructed perspiration, putrid water, poorness of blood, that part of salted provisions which has not taken salt, (for salt itself, so far from producing the scurvy, is an excellent antiscorbutic) eating too plentifully of fruit. Surfeits, as they are called, and scorbutic eruptions, originate from the too liberal use of vegetables. Few persons are entirely void of all scorbutic complaints. The sea scurvy is a disorder that requires a treatment very different from this we are treating of, though the effects are somewhat similar; for vegetables and acids are the most expeditious remedy for seamen, especially on shore; but they ought to be totally abstained from, by those who never use the sea and are troubled with cuticular eruptions. Scorbutic eruptions are so common, that the author has met with some thousands of these cases in a year, and never one that he did not succeed in the cure of; but lest his invariable order to abstain from all vegetables and acids should startle the

the

the reader, he begs leave to observe, that so far from being singular in this point, he has heard the same advice given by the greatest and best physician of this or any age or country; it were needless to add that he means Dr. Fothergil.

The diagnostics. An acute pain in the head, a sensation of dullness, erratic pains in the limbs, blackness of the skin, sponginess and putrefactions of the gums, oozing of blood from them; rottenness of the teeth, fœtid breath, an unequal pulse, diarrhœa and dysentery; frequent shiverings, a palpitation not seldom fatal; swellings in the joints, vitiated appetite, borborygmi, tormina in the bowels, sometimes costiveness; the urine pale, red, or gravelly; nausea, hiccoughs, livid spots on the skin, sometimes converted to foul ill-conditioned ulcers, crusts, scabs, scabies, cuticular eruptions, which itch intolerably, appearing in general, first on the thighs, then on the arms and hands, sometimes scattered on the breast or over the whole body; red angry pimples, carbuncles, vesicles full of a hot acrid lymph, elephantiasis, contractions, stiffness of the joints, vertigo, convulsions, lowness of spirits, frequent sighing, dyspnœa. See LEPROSY.

The prognostics. This is a distemper which is exceeding crabbed and refractory, has been always reckoned very difficult to cure and dangerous. If not scientifically treated, it frequently terminates in a dropsy, atrophy, hypochondria, or apoplexy. As the old method of treating it has been hitherto somewhat unfortunate, the author can with some justice, as well as confidence,

dence, recommend a new one, which has never yet balked his expectations.

The *cure*. When eruptions appear, they are most forcible pleaders against bleeding: the lancet is in these cases always pernicious. A milk diet is proper, at least for morning and evening; for dinner, animal food with plenty of salt, but no vegetables. For regimen, see HYPOCHONDRIA and WEAKNESS of the SOLIDS. Give lenient cathartics, errhines, the chalybeate waters, aluminous waters, salt water, bitters, balsam of copaiva, but above all the dry vomit. I shall now communicate to the reader all the various medicines I have used, the efficacy of which has been proved by a most extensive and successful experience.

Take of Aloetic pills,
Precipitated fulphur of antimony,
Gum guaiacum, of each two scruples,
Simple syrup, enough for pills,

Number twenty-four; two to be taken morning and night.

Take of Muriated quicksilver, ten grains, dissolve in
Muriatic acid, ten drops, then add
Antimonial wine, an ounce,

Of these drops let twenty (or if they purge) fifteen be taken twice a day.

Take of Quicksilver with sulphur, an ounce and half,
Gum guaiacum, half an ounce,
Crude antimony,
Snake root, of each two drachms,
Syrup of orange peel, enough for an electuary,

Dose, the size of a nutmeg night and morning.

If

If not costive,

Take of Red bark, an ounce and half,
Winter's bark, half an ounce,
Mucilage of gum arabic, enough for an electuary,

The size of a nutmeg to be taken twice a day.

To cleanse the skin intirely from any remaining eruptions, defœdations, or from gingivous tumors,

Take of Sharp pointed dock roots, two ounces and a half,
Extract of liquorice, two drachms,
Winter's bark, half an ounce,
Boiling water, a quart. Let them stand for twelve hours, then strain,

Of this mixture let a tea-cupful be taken in the morning (fasting) and at night.

If a dentrifice is thought necessary,

Take of French bole,
Burned allum,
Myrrh, of each a scruple,

To be used every morning. Or,

Take of Florentine orris-root,
Burned allum,
Lac, of each a drachm,
Honey, acidulated with spirit of vitriol, enough for a mixture.

As scorbutic eruptions are generally attended with a most troublesome pruritus, especially in bed, let the parts affected be anointed night and morning with the tar ointment; or if *that*, though powerfully

powerfully efficacious, is objected to on account of the smell,

Take of Ointment^e of white calx of quicksilver, an ounce,
Water of kali,
Effence of lemons, of each twenty drops,

To be used night and morning. Or,

Take of White calx of quicksilver, two scruples,
Cerate of acetated litharge, an ounce,
Oil of rosewood, ten drops,

An ointment, to be used night and morning. Or,

Take of Ointment of white hellebore, an ounce,
Water of kali, thirty drops;

An ointment as before. Or, the Neapolitan ointment.

Take of the Diluted vitriolic acid,
Water, of each four ounces;

A lotion. To be used night and morning.

Or,

Take of Muriated quicksilver, ten grains,
Muriatic acid, ten drops,
Rose water, two ounces,

As before.

A liniment to wash the eruptions night and morning, with a rag dipped in it.

One of the above ointments (particularly the tar ointment). Or,

Q

Take

Take of Calomel, two scruples,
Tar ointment, an ounce,

To be rubbed in night and morning, and then wiped off with a dry cloth; should always be used when there are eruptions on the skin, and one of the above-mentioned prescriptions be taken inwardly at the same time (particularly the mixture or drops) which will effectually free the patient in a few days from this disagreeable disorder. It will wonderfully expedite the cure, if the following powder is used by way of snuff; a pinch of it to be taken every night after getting into bed.

Take of White hellebore root, a scruple.

For a sternutatory powder.

ITCH.

THE Itch is a cutaneous disorder, too well known to need description.

The *cause*. An infectious miasma sui generis. The hypothesis of its being *wholly* owing to animulcules, is highly problematical.

The *diagnostics*. These are to be discriminated from scorbutical eruptions by their minuteness: from venereal ones by not blotching; and from both, by their principally infesting the parts between the fingers; with a sensation of heat that invariably accompanies the itching.

The

The *prognostics*. It is attended with no danger. It is never difficult to cure in any habit.

The *cure*. See SCORBUTIC ERUPTIONS, under which article the reader may find several elegant and efficacious liniments, either of which will answer his expectations in the cure of the itch (particularly the solution of muriated quicksilver, the tar ointment, or the ointment of white precipitate) and of all cuticular eruptions, whatever cause they arise from: they will also cure red faces, freckles, morpew, grubs, tetters, ringworms, or any defædations of the skin. The tar ointment with calomel should be used for a day or two morning and night, and then one of the other twice a day also, 'till the skin is perfectly clean: taking, during the use of the latter, the mixture recommended under the article SCURVY.

Bleeding and purging are uselefs and improper in this, as well as in all other cutaneous disorders. If internals are requested, though they are seldom necessary, either of the subsequent ones may be given with propriety and advantage:

Take of Vitriolic acid, half an ounce,

Three or four drops to be taken in a glass of water night and morning.

Take of Quicksilver, with sulphur, an ounce and half,
Calcined antimony, two drachms,
Syrup of orange peel, enough for an electuary,

The size of a nutmeg to be taken morning and night. Or,

Take of Flowers of sulphur, an ounce and half,
Nitre, two drachms,
Honey, enough for an electuary ;

Dose, the bigness of a chesnut, night and morning.

For children,

Take of Vitriolic acid, five drops,
Rose water, fifteen drops,
Ointment of hog's lard, an ounce,
Essence of lemon, fifteen drops,

A liniment to be used night and morning.

For adults,

Half an ounce of vitriolic acid, in a pint of water.

A lotion to be used twice or thrice a day.

Take of Muriated quicksilver, ten grains,
Muriatic acid, ten drops,
Camphorated spirit, two ounces,

A lotion to wet the parts with night and morning. Or,

The Decoction of hellebore.

Or,

Take of White calx of quicksilver, a drachm,
Ointment of hog's lard, an ounce and a half,
Water of kali, a drachm,
Essence of lemon, fifteen drops,

A liniment, to be used night and morning. See
SCORBUTIC ERUPTIONS.

LEPROSY.

LEPROSY and ELEPHANTIASIS.

THE Leprosy is a cutaneous disorder, which appears in whitish dry scabs, and often spreads over the whole body. Sometimes one leg only is affected, which swells to an enormous bulk, then called *Lepra Græcorum*, and Elephantiasis.

The *causes*. Obstructed perspiration, weakness of the solids, poverty of blood, an ill-cured itch, the remains of which will often lurk, appearing and disappearing, though not totally, for many years, and at length will break forth in this dry scurf, gradually enlarging.

The *diagnostics*. Sometimes it is confined to the palms of the hands only, with fissures which run parallel to each other; sometimes to a little below the elbows: one while on the face only; another in white hard scales on the neck, generally appearing most on the thighs, or on the hands and arms; intolerable itching, the elephant's leg.

The *prognostics*. The Leprosy confined to the skin without any remarkable tumor, is easily curable: the Elephantiasis, not without much difficulty and time.

The *cure*. For the Leprosy give the most nourishing diet, as eels, &c. and use precisely the same method as that recommended under SCURVY and SCORBUTIC ERUPTIONS, which see.

For the Elephantiasis. Give the solution of muriated quicksilver in antimonial wine, under SCURVY. Let the whole leg be wrapped up in a cloth, on which the following liniment is to be spread, to be renewed night and morning.

Take of Tar ointment, an ounce,
Water of acetated litharge, half a drachm,
Camphire, a scruple,
Calomel, two scruples,

A liniment.

E V I L.

THE Struma, Scrophula, or King's Evil, is so called from an imaginary cure performed by the royal touch.

The *causes*. An acrid blood, hereditary disposition, the venereal virus conveyed in semine. Those who are of habits exaltedly scorbutic, or in whom the itch has not been perfectly cured (strange as it may seem) may beget a scrophulous offspring. Weakness of the solids.

The *diagnostics*. Glandular tumors, serpiginous ulcers, erosions of particular parts, contractions, distortions, sinuous abscesses.

The *prognostics*. This disorder is not easily extirpated. If the tumors in the neck are not dissipated or opened, a glandular consumption generally ensues. Fistulous abscesses in scrophulous patients, are rarely, if ever curable, unless by the following :

Take

Take of Muriated quicksilver, two grains,
Muriatic acid, two drops,
Rose water, five ounces,

Lint dipped in this to be applied night and morning.

The *cure*. For regimen, see PHTHISIS. The bark is the most noble remedy in stumous cases, when the patient is not of a costive habit. Burned sponge is often used to advantage, and madder; sea-water also, but the dry vomit is inferior to no other remedy.

The following I have given with manifest utility :

Take of Muriated quicksilver, ten grains,
Muriatic acid, ten drops,
Antimonial wine, an ounce;

Of these drops, let an adult take twenty in a glass of water, morning and night.

Take of Quicksilver, with sulphur, two ounces,
Crude antimony, two drachms,
Honey, enough for an electuary;

Dose, the size of a nutmeg night and morning.

Externally, apply the tar ointment with calomel twice a day. Or,

Take of Muriated quicksilver, ten grains,
Pure water, an ounce and half,
Tincture of cantharides, half an ounce,

For

For a lotion, 'till the tumors lessen; if not, apply a poultice of bread and milk 'till they break, and then dress with,

Take of Calomel, two scruples,
Tar ointment, an ounce,

To be applied morning and night. Or, the above solution in rose water.

Falling down of the ANUS.

THE falling down of the Fundament is owing to a laxity of the fibres of its sphincter, or to a paralytic affection of them. It is easiest to be reduced by the patient himself, lying on his back, writhing himself from side to side, crossing his legs, &c. with the application of sweet oil. When it is reduced, let a warm flannel be applied and frequently repeated; some of the following powder may be thrown on a red hot heater in a close-stool, and the anus be placed over it. If it cannot be reduced, apply dephlogisticated air.

Take of Aromatic powder,
Mastic, of each a drachm and a half,
White amber,
Balaustines, of each a drachm,

A suffiment.

The subsequent drops have proved of considerable utility :

Take of Rectified spirit, half an ounce,
Oil of turpentine, two drachms,
Vitriolic acid, one drachm,

Twenty to be taken twice or thrice a day.

Take

Take of Tormentil root,
 Dragons blood,
 Mastic, of each a drachm,
 Simple fyrup, enough for pills,

Number thirty-two ; three to be taken night and morning.

The red astringent gum will be of considerable service. See DIARRHŒA and DYSENTERY.

STRANGURY.

A STRANGURY is a partial suppression of urine, while the efforts to discharge it are attended with pain.

The *causes*. Irritation, too long detention of urine, obstruction of it, spasms, paralytic affection of the detrusores urinæ.

The *diagnostics*. Frequent desires to make water, its coming away with difficulty and uneasiness ; but little made at a time with great pain ; sensation of heat and smart when the dribbling is over, pruritus.

The *prognostics*. If symptomatic, it is easily helped, as from blisters in fevers, &c. If idiopathic, it is dangerous ; in old persons, frequently mortal ; it often terminates in an incurable ichury.

The *cure*. Let the patient abstain as much as possible from liquids, and take food that is balsamic

famic and light of digestion, and make use of agglutinants, as linseed tea, fomentations, emollient clysters, lenient cathartics, oleous injections, mild diuretics, cardiacs, opiates, warm femicupia, cold pediluvia, or the catheter. If it proceeds from spasms, give half an ounce of æther with a scruple of camphire in it. If from a paralytic affection of the detrusors,

Take of Red bark, an ounce and half,
Compound powder of tragacanth, half an ounce,
Mucilage of gum arabic, enough for an electuary.

The size of a nutmeg to be taken every two hours.

In other cases, the following remedies have been attended with success :

Take of Oil of olives, five drachms,
Camphire, two drachms,
Oil of aniseeds, one drachm,

With this liniment let the pubes and perinæum be anointed every hour.

Let two ounces of horse-rhadiſh scraped, be boiled in a pint of ale, thrown into a close-stool, and the vapor be received.

Take of Gum arabic, two scruples,
Nitre, one scruple,
Camphire, five grains,
Oil of aniseeds, four drops,
Aromatic confection, enough for a bole,

To

To be repeated as there is occasion; or, the balsam of Peru mixture, under the article STONE.

If the pain is vehement, give two or three grains of purified opium.

URINE SUPPRESSED.

ADYSURY is when the patient feels inexpressible difficulty in making water.

An Ischury is a total suppression of urine.

The *causes*. An inflammation, abrasion of the mucus that lines the urethra, deficient secretion, of it; ulcers, diarrhœa, gonorrhœa, vesicatories, acrid food, hard riding, hard drinking, the stone.

The *diagnostics*. On an attempt to make water the pain begins; after it is evacuated, a violent smarting and sensation of heat; most severe at the extremity of the urethra.

The *prognostics*. Proceeding from another disease, reference must be had to the original cause. If constitutional, the case is difficult.

An Ischury in old persons, or when the water cannot be reduced by the catheter, is generally mortal: the last resource is immersion of the feet in cold water.

A few cases I have met with of persons not much advanced in years, where there has been no inclination

inclination to make water, nor has there been any in the bladder; frequent nauseas have been the only other symptom of want of health. On dissection the kidneys have been found wasted.

The cure. The patient should use diluent liquors, whey, aluminous waters, agglutinants, blomange, broths, jellies, balsam of copaiva, gum arabic, decoction of marsh-mallow roots, new milk warm, absorbents, and such as are proposed under STRANGURY, which see. See also the balsam of Peru mixture, under the article STONE.

URINE, Incontinence of.

IF the patient cannot hold his water, let a blistering plaister be applied to the os sacrum, of the same size and shape, to be kept on four or five days, or 'till it comes off of itself, and,

Take of Red bark, six drachms,
 Red astringent gum, two drachms,
 Tincture of cantharides, enough for an electuary.

Dose, the size of a nutmeg night and morning.
 Or, for an adult,

A tea-spoonful of tincture of cantharides,
 Night and morning, in milk.

LETHARGY.

A LETHARGY is an involuntary drowfiness, or continual propensity to sleep.

The *causes*. A deficiency of vital heat in the cerebrum, foggy food, excess of pituita, indolence, using sleep after dinner, omitting customary exercise, lentor, viscosity of the fluids, spasms.

The *diagnostics*. They are obvious from what has been already observed, to which may be added a memory much impaired.

The *prognostics*. In young persons, if they are invaded in the summer time, it is easily cured; in winter if the patient is attacked, and feels a great prostration of strength, it is dangerous. In old persons, if the urine is white, it is scarcely curable.

The *cure*. Removal into a clear dry air is necessary. The diet should be as in HYPOCHONDRIA, which see. Bleeding often renders it incurable. A bladder may be filled with hot water, and laid on the head, which should be rubbed with warm flannel, or use some of the applications recommended under the article HEAD-ACH. Touch the palate with a feather dipped in boiling water. The proper remedies are sternutatories, acrid clysters, stimulants, aromatics, volatiles, chalybeates, vesicatories, the dry vomit, and plaisters to the head when shaven, as,

Take of Galbanum, two drachms,
 Pellitory,
 Long pepper,
 Castor, of each a drachm,
 Balsam of Peru, sufficient to make a plaister.

Take of Salt of hartshorn,
 Purified salt of amber, of each a scruple,
 Lisbon wine, two ounces,

A draught to be taken every night.

Take of Volatile tincture of valerian,
 Tincture of guaiacum, of each an ounce.

Of these drops let two tea-spoonfuls be taken
 twice or thrice a day.

Take of Socotrine aloes,
 Filings of iron,
 Asafœtida, of each two scruples,
 Precipitated sulphur of antimony,
 Vitriolated quicksilver, of each one scruple,
 Simple syrup, enough for pills,

Thirty-two; two or three to be taken night and
 morning.

IMPOTENCE.

IMBECILITY is an inaptitude for coition:
 Impotency is a total incapacity of that action.

The *causes*. A deficiency of vital heat, or
 some impediment to its proper efflux from the
 spinal marrow; weakness of the solids, profuse
 venery

venery, ill-cured claps, gleans of long continuance, gravelly disorders, anorexia, mastuparation, frequent bleedings.

The *diagnostics*. Flaccidity and hanging down of the testicles, coldness of the glans penis ; few, weak, or no erections ; pain or weakness in the loins, wandering stitches in the sides and groins, cephalalgia, vertiginous disorders, involuntary emissions without erections, hypochondria.

The *prognostics*. If idiopathic, the cure is difficult ; in old men, impracticable ; if the patient is young, and has no other complaint of any consequence ; or if it proceeds only from indiscreet excesses, it is easily curable ; if accompanied with a gleet, let that be first muzzled before the cure is attempted.

The *cure*. Great regard must be paid to the non-naturals. The patient should keep his mind constantly employed, to prevent as much as possible the incursion of venereal desires or thoughts. He should rise early in the morning, take a great deal of exercise, stopping short only of fatigue. The less fluids that are drank the better, the whole quantity ought not to exceed two quarts in the twenty-four hours. Let the diet be of shell-fish of all sorts, particularly lobsters, crabs, or oysters ; of flat fish also, as scait, turbot, dories and plaice, especially the skin of the latter ; or of any wild fowl, the most eligible of which are pigeons, partridges, and woodcocks ; add to which eggs, lampries, eels of all sorts, which are by no means inferior to vipers ; cavear, strong meat soups,

any animal (but no vegetable) food, particularly pork, calve's head, with the skin on; calves and neats feet, or trotters. Milk is the best breakfast and supper. Brandy and water the most proper to drink at dinner. All agglutinants, chalybeates, and aromatics are useful; opiates also, which powerfully increase the secretion of semen. The testicles should be bathed night and morning with equal parts of alcohol and vinegar 'till they cabbage; nor is it a matter unworthy of attention, always to wipe the glans dry after making urine. See WEAKNESS of the SOLIDS.

Sterility is owing to the same causes, and requires the same method of treatment. To give prolificity to the semen, by determining a sufficient quantity of the nervous influence to it, nothing equals the oil of cloves, by means of which many have proved fathers, after all previous efforts had for many years been fruitless: *this*, therefore, ought not to be omitted in any medicines that are given, calculated for that purpose. It may not be amiss to observe in this place, that the balsam of Peru has an effect directly opposite to that of the said oil.

The following formulæ powerfully stimulate to conjugal intercourses, furnish ability equal to desire, and seldom fail to render those intercourses prolific.

Take of Oil of cloves, half an ounce, dissolve in
The yolk of an egg, then add,
Tincture of cantharides, an ounce and half,

Of these drops let two tea-spoonfuls be taken
night and morning.

Take

Take of Socotrine aloes,
Filings of iron, of each two scruples,
Purified opium, ten grains,
Cantharides, six grains,
Oil of cloves, ten drops,
Simple syrup, enough for pills,

Sixteen ; two to be taken every night.

Take of Aromatic powder,
Cloves, of each a scruple,
Ambergris,
Musk, of each five grains,
Purified opium,
Cantharides, of each one grain,
Oil of cloves, five drops,
Syrup of orange peel, enough for a bole ;

To be taken every night for a month, keeping the body soluble, during which time the patient should have no connection with his wife.

Take of Oil of cloves, six drachms,
Oil of nutmegs, one drachm.

Of these drops, ten may be taken on sugar night and morning.

Take of Oil of cloves, ten drops,
Mucilage of gum arabic, half a drachm,
Pure water, an ounce ;

A draught to be made according to art, and taken morning and evening. See GLEET.

G O U T.

THE Gout is a chronical disease most commonly affecting the feet. If it attacks the knees, it is called Gonagra; if the hands, Chiragra; if the elbow, Onagra; if the shoulder, Omagra; if the back or loins, Lumbago.

The *causes*. Irregularity with respect to some of the non-naturals, immoderate venery, feeding frequently and immoderately on fat, great fatigue, a moist cold air, a contusion, tartarous wines, fermenting liquors; acid gas, as appears from the sour sweats and acid eructations so common in arthritic paroxysms; fruit, vegetables; the passions of the mind, indolence.

The *diagnostics*. A most intense pain, as though a wedge were fixed between the joints; or as if the part were in a press; sometimes it seems stretched to such a degree, that the unhappy patient is ready to think that it will burst every moment: when this is the case, it is seldom more than six hours before the pain abates and welcome sleep succeeds. Sometimes the sensation is similar to that which would be brought on if the parts were gnawn by carnivorous animals. Those who have been long tormented with it, have often a cretaceous matter issue from the bursting of the small vessels, which is an induration of the nervous filaments, and is actually chalk for the nerves, seem to be originally constituted of a chalky earth, lengthened into fibres by animal glue.
The

The *prognostics*. If hereditary (which with humble submission to Doctor C. it certainly may be) it is most difficult to relieve. It is generally supposed to be incurable, as all disorders are said to be which we know not *how* to cure. The fits may undoubtedly be rendered milder, and perhaps be totally prevented by pursuing the subsequent method; it has succeeded in the removal of many inveterate gout, though they were of long standing and had been every year exacerbating.

The *cure*. Let the patient live wholly on animal food or use a milk diet, and for change take meat broths; he may drink plentifully of two milk-whey; but must abstain from all vegetables, claret and malt liquors; spirits diluted with water will not hurt him. Exercise is absolutely necessary, and too much cannot be taken, nor can it be too often repeated, if it does not proceed to fatigue. The mind should be kept as calm and composed as possible; amusement and a little dissipation of thought is necessary.

If the gout seizes the stomach, give immediately half an ounce of æther with a scruple of camphire in it; let it be taken alone in a spoon, without swallowing any liquid for some minutes after it: if the sensation it occasions is disagreeable, he may rinse his mouth with a little cold water, and spit it out. It is an admirable remedy, and never deceived me.

To fix an erratic gout, and bring on a regular fit, give asafœtida inwardly, and bathe the great toe and metatarsus with water of ammonia.

If the fit comes on in good earnest.

Take of Camphire, fifteen grains,
Purified opium,
Ipecacuanha, of each three grains,
Precipitated sulphur of antimony,
Vitriolated quicksilver, of each two grains,
Aromatic confection, enough for a bolus.

Let this be washed down with the following draught :

Take of Tincture of guaiacum, six drachms,
Pure water, eight spoonfuls.

After taking this bolus and draught, the patient should lie between flannel sheets. Let the draught be repeated every night for some time, with the addition of two drachms of elixir of aloes, if costive, and *that the gout is incurable* is a proposition that will no longer be taken for granted.

The alvine canal should be kept open with aloetics and quicksilver; all bitters and alkalis are useful: nor is it amiss to bathe the feet every night in warm water with a handful of salt in it. As to the application of leeches, or opening the saphœna when the fit is coming on, I never saw any good effect from it, nor can a gouty person be bled without great hazard and danger. As to burning cotton on the part affected, notwithstanding

withstanding the authority with which it comes recommended, I could never persuade any person to try the experiment. If topics are desired, quick-lime and honey for an epithem seems to be the most eligible one, or,

Take of Vitriolic acid, forty drops,
Hog's lard, an ounce,

A liniment to be applied often to the part affected. Or a vesicatory.

To prevent a return let one of the subsequent medicines be given and continued for some months: they are adapted to the various circumstances of different patients, and the choice must depend on the skill of the practitioner.

Two tea-spoonfuls of the tincture of guaiacum, or,
One of water of pure kali,

May be taken night and morning.

Take of Gum guaiacum,
Camphire, of each a drachm,
Precipitated sulphur of antimony,
Vitriolated quicksilver, of each a scruple,
Simple syrup, enough for pills,

Number thirty-two; three to be taken every night.

Take of Aloetic pills, a drachm and half.
Filings of iron, half a drachm,
Precipitated sulphur of antimony,
Vitriolated quicksilver, of each a scruple,
Simple syrup, enough for pills,

Number

Number thirty-two; two to be taken night and morning.

Take of Germander,
Ground pine, of each an ounce,
Lesser centaury, six drachms,
Gentian root, half an ounce,
Syrup of ginger, enough for an electuary.

The size of a walnut to be taken twice or thrice a day.

Take of Red bark, an ounce,
Winter's bark, three drachms,
Mucilage of gum arabic, enough for an electuary,

Dose, the size of a nutmeg thrice a day.

Take of Camomile flowers,
Ginger, of each an ounce,
Galangal, two drachms,
Grains of Paradise,
Oil of mint, of each one drachm,
Syrup of orange peel, enough for an electuary,

The bigness of a nutmeg to be taken morning and night.

In emaciated habits, two drachms of the tartarised iron may be added to either of the above electuaries.

RHEUMATISM.

THE Rheumatism is a painful disorder, the seat of which is in the membraneous part of the body: it is sometimes mistaken for the gout.

The *causes*. A viscosity of that mucus which is designed to lubricate the joints and facilitate their motion, heats and colds, moist air, relics of the venereal disorder, large quantities of quicksilver taken, scrophulous diseases, acrid serum, deficiency of vital heat.

The *diagnostics*. Wandering pains, a fixed pain in the shoulder, hip, loins, arm, leg, knee, thigh, breast, side, or head, the part seldom red, the pain felt most when the part is in motion, or the pain being most severe at night, when the patient begins to grow warm in bed.

N. B. This is the case, when the cause is elastic air. Sometimes it is attended with a fever, then called the hot rheumatism, preceded by chills and rigor; persons in years feel the attack in their head and bowels.

The *prognostics*. If idiopathic, the chronic rheumatism is curable with great facility, however difficult soever it may be thought to be; the author has a right to speak with some confidence on this subject, for he has certainly had the management of as many rheumatic cases as any human being, without finding any of them rebellious

rebellious to the method hereafter proposed. If improperly treated it is very apt to return periodically. If symptomatic, the cure of it depends on the removal of the primary disorder. Bleeding in the chronic rheumatism, protracts the cure.

The cure. If attended with an ardent fever (then called the acute rheumatism) let it be treated in just the same manner as an ardent fever; when there is a remission give the bark, which by the way, will remove any rheumatic disorder, if exhibited scientifically, and in large quantities, with proper combinations. The lancet has been esteemed necessary in a chronic rheumatism, but it is never really so; for if it should yield a temporary relief, such a relief is purchased at a vast expense. The diet should be the same as in the gout, which see. Let the part be kept warm, bathed with oil of turpentine night and morning, or a blistering plaister be laid on it. Buckbean tea, though nauseous, is no bad auxiliary. The dry vomit will greatly expedite recovery, and in many cases effect a cure alone.

Take of tartarised antimony, ten grains,

For three powders. One to be taken every other morning fasting.

Take of Tincture of guaiacum, six drachms,
Tincture of aloes, one drachm,
Oil of turpentine, half a drachm,

To be taken in eight spoonfuls of milk or water every night 'till well. Four or five of these

these draughts are generally sufficient for a perfect cure. Or,

Take of Socotrine aloes, seven grains,
Purified opium, three grains,
Simple syrup, enough to make two pills,

Both to be taken at bed-time, and repeated as there is occasion. Or,

Take of Colocynth, two scruples,
Purified opium, one scruple,
Vitriolated quicksilver,
Precipitated sulphur of antimony, of each ten grains,
Simple syrup, enough for pills,

Twelve; two to be taken at night. Or,

Take of Calomel*,
Conserve of arum,
Camphire, of each a scruple,
Simple syrup, enough for a bole.

To be taken at bed-time. To prevent its return,

Take of Flowers of sulphur, two ounces,
Gum guaiacum, half an ounce,
Precipitated sulphur of antimony, two scruples,
Oil of turpentine, three drachms,
Honey, enough for an electuary,

Dose, the size of a nutmeg morning and night.
This electuary will succeed also in the cure of most cases alone.

S

Take

* Procured from Apothecaries Hall.

Take of tincture of guaiacum, two ounces.

Of these drops let two tea-spoonfuls be taken morning and night.

Take of Red bark, an ounce and half.

Extract of liquorice, half an ounce,

Oil of aniseeds, two drachms,

Tincture of Benjamin, enough for an electuary.

Dose, the size of a chesnut twice a day.

Take of Red bark, an ounce,

Gum guaiacum, half an ounce,

Oil of sassafras, two drachms,

Filings of iron, one drachm,

Syrup of orange peel, enough for an electuary.

Dose, the size of a nutmeg twice or thrice a day.

HIP-GOUT.

THE Sciatica, or Hip-Gout is so called because the pain is confined to the parts about the hip.

The *cause*. Inspissation of the mucus in the acetabulum, which may be occasioned by the same causes which produce the rheumatism.

The *diagnostics*. Intense pain, as though the thigh were dislocated; it is most common with those who have not yet arrived at the years of puberty; sometimes very old persons are attacked with

with it; it rarely invades those of middle age; atrophy of the thigh, lameness.

The *prognostics*. If idiopathic, it is not dangerous; if not scientifically treated at first, it may require some difficulty and time to remove; if symptomatic, reference must be had to the primary disorder; the lameness, if of long standing, is rarely curable.

The *cure*. The regimen and medicines requisite are much the same as those just mentioned in the rheumatism. Vitriolated quicksilver is greatly and justly extolled as an alterative in this case. It will generally yield, in a few days, to one large spoonful of volatile tincture of guaiacum every night in six spoonfuls of water. Some recommend whipping the part with nettles; much more eligible topics are to be found below.

Take of Gum guaiacum, two drachms,
Purified opium, half a drachm,
Tartarised antimony,
Vitriolated quicksilver, of each ten grains,
Simple syrup, enough for pills,

Number thirty-two; two, or three to be taken every night. Or,

Take of Rhubarb, a drachm,
Camphire, half a drachm,
Calomel, twelve grains,
Simple syrup, enough for pills,

Number twenty-four; two to be taken morning and night.

Take of Camphire,
Barbadoes tar,
Oil of turpentine,
Oil of aniseeds, of each half an ounce.

A liniment to be used twice or thrice a day. Or,

Take of Black soap,
Honey, of each an ounce,

With the white of an egg, make an ointment, as before.

Take of Litharge plaister with gums, an ounce,
Plaister of cantharides, two drachms,
Euphorbium, one drachm,

A plaister. Or, the common blistering plaister (which may be applied to the head of the fibula, if the part, or knee be swelled,) or a Burgundy pitch plaister. See RHEUMATISM.

DEAFNESS.

DEAFNESS must be treated according to the primary disorder from which it arises, as epilepsy, lues, fevers, &c. The more plentiful the excretion of cerumen is, the easier to be cured. The methods proper to be taken are such as follow; purges, diaphoretics, vesicatories, setons, syringings, sternutatories, and the dry vomit. Electricity will sometimes cure it, so also will wearing their own hair in those who have been used to a wig.

The

The common *cause* of Deafness is a deficient, or too viscid secretion, or a constipation of the wax in the ears. A tea-spoonful of warm water poured into the ears, and suffered to continue for a minute or two in them, every night, will often produce extraordinary and unexpected effects. This is a more expeditious solvent of the cerumen than upwards of seventy other different menstrums that were tried. Let a pinch of the following snuff be taken immediately after :

Take of White hellebore root, a scruple,
Euphorbium, two grains,

A sternutatory powder.

If the warm water will not remove Deafness, after using it some weeks, nothing that is *put into the ears* will do it.

If an insect has penetrated into the ear beyond the reach of extraction, let it be killed by dropping some of the following mixture warm into the ear :

Take of Tincture of aloes, half an ounce,
Oil of wormwood, thirty drops,
Oil of favin, twenty drops.

CHOREA SANCTI VITI.

ST. Vitus' Dance is an involuntary yet irresistible motion of several muscles. The patient uses many ridiculous and antic gestures : what is very odd, those muscles *only* are affected.

which are destined for spontaneous motion, for the heart, diaphragm, lungs and stomach are never injured by this whimsical disorder.

The *cause*. An unequal distribution of the nervous influence. This is often owing to an obstructed menstruation, chlorosis, acid gas, irritation from worms, weakness of the solids.

The *diagnostics*. It is most common to females before puberty; tremors, convulsions, distortions, continued contraction of the antagonist muscle; working of the eyes, stiffness of the limbs, hopping about upon one leg, catchings of the hands, twisting of the fingers, lying down and rising upright for many times together, various grotesque and unintended gesticulations.

The *prognostics*. Menstruation generally cures it. I have seen many extraordinary cases of this sort, but never met with one that was difficult to cure. When of long continuance it sometimes degenerates to an epilepsy. The use of the lancet (which ought by no means to be allowed in this disorder) sometimes super-induces an opisthotonos, and often an incurable phthisis.

The *cure*. For regimen see WEAKNESS of the SOLIDS, which is an inseparable concomitant of this distemper. Begin the cure with the dry vomit, which should be continued twice or thrice a week 'till the patient is recovered: besides this, the following pills and drops will greatly expedite the cure.

Take

Take of Socotrine aloes, a drachm,
 Filings of iron, two scruples,
 Precipitated sulphur of antimony, one
 scruple,
 Simple syrup, enough for pills,

Number twenty-four; two to be taken every night, or oftener.

Take of tincture of asafœtida, an ounce,

A tea-spoonful to be taken night and morning.

To complete the cure, let chalybeate waters be used, and the cold bath every morning, half a drachm of ginger may be given with great advantage twice a day. The balsam of copaiva is of considerable utility, as also is the volatile tincture of valerian. The subsequent mixture I have seen the most desirable effects from :

Take of Prepared kali, two drachms,
 Cinnamon water, seven ounces,
 Water of ammonia, half an ounce,
 Balsamic syrup, an ounce,

Of this mixture let two spoonfuls be taken morning and night.

WEAKNESS of the SOLIDS.

IN all habits of body where there is a constitutional deficiency of vital heat, there must exist a laxity of the muscular fibre, with some of its usual concomitants, viz. habitual chilliness, flabbiness of the flesh, pallid countenance, thin
 lank

lank hair, bad appetite, lowness of spirits, cuticular eruptions, flatulencies, bilious disorders, obstinate costiveness, or diarrhœa. Whatever malady such persons may labour under, bleeding is inadmissible, and must be highly improper; for such an operation will certainly prove injurious, and perhaps (as is too often the case) fatal to the patient; purging may be of considerable utility to such persons, because they have generally a redundancy of serous fluids, though never of the flat red particles. Weakness of the solids requires peculiar attention to the regimen and diet, for that which is received into the stomach by pounds and quarts, is much more consequential and may as well be adapted to the state of the case as that which is taken by grains and drops. For such persons a clear dry air is extremely requisite, at some distance from trees; nor is it an un-important matter for them to take frequent walks in a garden well stored with aromatic herbs, such as rue, lavender, mint, rosemary, &c. or those herbs may be kept growing in the house, but by no means suffered to lie in it when dry or dead. Sleep should not be allowed to excess, and the less time that is spent in bed when not sleeping, the better. The excretions must be duly regulated, for a great deal depends on a proper regard to the evacuations: care should be taken to adjust this affair with as much nicety as possible, and to trim the balance between deficiency and excess. To such persons few things are of more importance than pleasing conversation, diversions, and a constant endeavour to preserve a calmness and composure of mind.

mind. Gentle exercise, gradually increased, must not be neglected; particularly swinging, during a continuance of a moist atmosphere. The most nutritious diet is to be recommended, such for instance, as milk, which is the best breakfast and supper for all weakly persons without exception; no person need be apprehensive of any bad consequences from its curdling on the stomach: it is most eligible to take as it comes from the cow, unless it purges; then it must be boiled. Of broths (all which are useful) that which is made of pork is preferable; the author has seen amazing effects from it. Eggs, if they do not gripe, are very desirable, and all sorts of animal, with little (or no) vegetable food; especially shell fish, and flat fish, every species of which affords the most plenteous and the most laudable nourishment: next to these may be mentioned wild fowl, particularly partridges, growse, and pigeons; for change, chicken, calves feet jellies, neats feet, trotters, beef tea, soups of all sorts, caviar and blomange. A little should be taken at a time but often repeated: a jelly may be always at hand and cannot be too frequently had recourse to, if the stomach will bear it, for *that* must be constantly humored, and nothing should be refused that the least inclination is felt for. Spirits diluted with water are chiefly, if not wholly to be drank; unless Madeira wine should be found more agreeable to the palate: if beer is allowed, it ought to be very strong and very old, but not stale.

As a teneritude of the fibres, or their want of due elasticity is owing to a deficiency of vital heat,

heat, which is greatly abated by an acid gas or vapor, persons of this frame should abstain from all those things which increase this sour halitus by fermenting too rapidly in the stomach, such as sugar, fruit, vegetables, claret and all liquors that have not passed the state of fermentation.

The medicines proper to be administered, are aromatics, bitters, chalybeates astringents, the bark, fœtids, detergents, cardiacs, mineral acids, and above all things else, frequent repetitions of the dry vomit. See PHTHISIS, FLATUS, HYPOCHONDRIA, EPILEPSY, and IMPOTENCY.

PAINFUL DISORDERS.

PAIN in the HEAD. See CEPHALALGIA.

PAIN in the EARS.

PAIN in the ears is sometimes caused by the tooth-ach, sometimes owing to an imposthume. If idiopathic and attended with a tinnitus, apply plaisters of Burgundy pitch, or blisters behind the ears; use warm cataplasms, sternutatories, setons, cathartics, or opiates.

TOOTH-ACH.

THE Tooth-ach is generally owing either to a tumor of the gingivæ, of the circumjacent muscles, or to the caries of the tooth; it may also originate from a visciditv, or acrimony of the
the

the fluids. It is common in scorbutic habits and to those of weak solids. If it comes periodically, let the bark be taken; opiates, if necessary, may be given internally; oil of castor held in the mouth will often give immediate ease, so also will electricity. If the gums are much swelled, they may be ripened by a cataplasm of figs; smoaking tobacco will sometimes disperse the tumor; sternutatories are exceeding useful, and so are vesicatories; warm cloths should be frequently applied, and plaisters of Burgundy pitch to the temples. A tea spoonful of tincture of opium, or brandy, poured into the ear of the affected side seldom fails to remove the pain, especially if a little vinegar be previously held in the mouth. If the tooth is carious, extirpation is the quickest and most efficacious remedy: if that is not permitted,

Take of Purified opium,
 Camphire, of each two grains,
 Oil of cloves,
 Oil of pepper, of each two drops,

A pill to be put into the tooth.

PAIN in the FACE.

IF the pain is over all one side of the face, or if both the maxillæ are affected, use a gargarism of brandy and vinegar, equal parts, and bathe the part outwardly with warm oil: if this method has not the desired effect, dissolve a drachm of camphire in half an ounce of æther, pour a little of it into the hand, and apply to the affected part.

Take

Take of Prepared kali, two drachms,
Calcined antimony, two scruples,
Pure water, seven ounces,
Balsamic fyrup, one ounce,

A mixture ; three spoonfuls to be taken night and morning.

PAIN of the NECK.

THIS is commonly called a Crick, and is soon helped by drawing sparks from the part when the patient is placed on an electrical stool ; by the frequent application of warm cloths, or by ironing the part, or moistening it with a saturated solution of camphire in æther, or compound water of acetated litharge.

Pain in the Breast. See PHTHISIS.

Pain in the Side. See FLATUS.

Pain in the Stomach. See HEART-BURN.

PAIN in the BACK or LOINS.

TAKE of Balsam of Copaiva, an ounce.
Of these drops let twenty be taken on brown sugar night and morning.

- Take of Spa water, half a pint,
Boiling water the same quantity,

A draught

A draught to be drank immediately, and to be repeated twice or thrice a day.

Half an ounce of tincture of guaiacum,

To be taken every night in six ounces of water.
See NEPHRITIS and RHEUMATISM.

PAIN in the LIMBS.

SEE RHEUMATISM. If in the *Shins*, give three or four grains of purified opium, with three grains of precipitated sulphur of antimony every other night, anointing them every night with the stronger blue ointment.

WHITE-SWELLING.

APPLY a blistering plaister to the knee, let it be wrapped up in it, and the plaister be kept on four days. This should be repeated every fortnight or three weeks, 'till the patient is well, giving the dry vomit twice or thrice a week. I never met with but *one* instance wherein this method failed of success in curing this formidable disorder.

HERNIA.

RUPTURE is either intestinal, omental, watery, flatulent, carnous, or varicose. The two first are owing to a prolapsus of the gut ilium, or the caul into the scrotum, groin, or navel. In
T infants

infants it is easily curable, in adults with some difficulty.

Give an emollient clyster, apply an emollient fomentation, reduce and retain with proper ligatures or a truss: the patient avoiding flatulent food for some time, and all violent motions of the body. Let the part be bathed night and morning with alcohol, or with lime-water. Keep the patient on his back as long as possible: I have known those who by resolutely continuing in this posture for five or six weeks, have been perfectly freed from a Hernia of many years standing, *though* pretty much advanced in years.

The watery Hernia to be known by a pellucid tumor of the testicles, is to be cured by hydragogues, diuretics, discutient cataplasms, or puncture.

The strangulated Hernia also requires the hand of a surgeon.

GANGRENE and MORTIFICATION.

A GANGRENE is the death of a particular part, owing to the total impediment of any communication of a fluid from the arteries. It commonly affects the adipose membrane only; a Sphacelus or Mortification invades all parts, the bones not excepted.

The *causes*. Stagnation of the fluids, ligature, or compression of the veins, cold, inflammation, wounds,

wounds, bruises, luxations, fractures (especially if bound too tight), ruptures.

The *diagnostics*. A sensation of a dull pain; a pale, ashy, brown, livid, or green colour: no resistance to the touch. Those of a mortification are insensibility, a cadaverous smell, perfectly black colour, that blackness spreading, an eroding mortiferous corruption.

The *prognostics*. A Gangrene may be cured. A sphacelus must be extirpated.

A Gangrene of the brain, bowels or bladder, is mortal: of the mouth, lip, nostrils, or genitals, difficult of cure; in dropicals, phthificals, and scorbutics, a Gangrene is the fore-runner of death.

A mortification, if it attacks the upper parts, or brings on agrypnia, delirium, faintings, borborygmi, hiccoughs, spasms, pains which go off suddenly; cold sweats, or coma, forebodes the hasty approach of a dissolution.

The *cure*. If a gangrene proceeds from frost, rub the parts with snow or cold water, afterwards applying,

Take of Compound tincture of aloes,
Water of ammonia,
Oil of turpentine, of each equal parts,

For a liniment.

To stop the progress of a mortification, there is no external application comparable in efficacy with the oil of olives: let the part be bathed with it as hot as it can be borne twice or thrice a day. I have seen incredible effects from it, even with persons greatly advanced in years. If any thing in nature will prevent a sphacelus from spreading, I believe this will. Internally give the bark, chalybeates, the blue vitriol, and opiates.

Take of the Opiate pill, a drachm ;

Make into sixteen pills ; one to be taken every hour, if necessary.

SCHIRRUS and CANCER.

A SCHIRRUS is an induration of a glandular part, owing to a previous inflammation.

The *causes*. That which occasions an inspissation of the fluids in the glands.

If the margins of a Schirrus are inflamed so as to produce an erosion of the neighbouring vessels, it is called a Carcinoma, or Cancer.

A recent Schirrus, the resolution of should be attempted by quicksilver and blisters ; if these succeed not, extirpation is necessary : if that cannot be complied with, palliatives are all that can be expected, such as milk diet, the balsam of copaiva, and thirty or forty drops of spirit of
nitrous

nitrous æther, in every draught of liquor that the patient takes.

A cancer resists every internal means (hitherto known) of cure. I never saw any good effects from the cicuta. If extirpation is not permitted, give twenty of the following drops night and morning.

Take of Muriated quicksilver, ten grains,
Muriatic acid, ten drops,
Spirit of nitrous æther, an ounce :

Drops. Muriated quicksilver may be sprinkled on the sore.

To alleviate the pain, the tar ointment with calomel applied twice a day, is, I verily believe, superior in efficacy to any other topic. I have known great numbers whose lives have been rendered comfortable by the use of it, who before had suffered the most excruciating agonies.

The same above-mentioned palliatives are requisite.

If the part is extremely offensive, use a carrot poultice. If a cure is expected, it must be obtained from the hands of a surgeon.

I have seen lately several cancers of the lip yield to the above drops and ointment.

B U R N.

APPLY oil, or lime-water, or spread some of the calamine cerate thin on a piece of thin leather. To prevent an unsightly scar, after the above cerate has been renewed every day, for four or five days, use a liniment (once a day also) composed of equal parts of soft soap, honey, and oil of olives.

S P R A I N.

FROM the situation a part must be in when sprained, nothing can be more absurd than the usual method of resting it: it should be kept as constantly in motion as possible, and it will be well in the tenth part of the time that will be requisite for the cure, if spared, which any one may be satisfied of, who will make the trial. If any fustus is used, equal parts of vinegar and brandy is the most eligible.

O E D E M A.

AN Oedematous tumor is soft, whitish, cold, indolent, and doth not resist the touch. If a topic is necessary, I know none preferable to,

Take of Alcohol, an ounce,
 Oil of turpentine, two drachms,
 Water of ammonia, one drachm,

A liniment to be used three or four times a day.

U L C E R.

ULCER in the LEGS.

OF all the disorders incident to poor people, this is the most common; at least, I have seen such numbers among the infinite variety of persons who have applied to me for assistance, that I can safely aver, I have cured more ulcerated legs than any man in his Majesty's dominions; nor did I ever meet with one case that did not yield to the method hereafter proposed.

The *causes*. A scorbutic acrimony, depauperated blood, sedentary life, poor living, moist air, damp ground. Hence it is no wonder that there are so few of the weavers in the North of Ireland free from this troublesome complaint; for they live chiefly upon potatoes or oaten bread, and sit at their looms three or four feet beneath the surface of the earth.

After recommending a milk diet, the only medicines which I ever ordered inwardly, were my solution of the muriated quicksilver (See CANCER), twenty drops to be taken in a glass of water morning and night. Or, if obstinately coſtive,

Take of Gum guaiacum,
 Socotrine aloes, of each a drachm,
 Precipitated sulphur of antimony,
 Vitriolated quicksilver, of each a scruple,
 Simple syrup, enough for pills,

Number twenty-four; two to be taken every night.

Externally,

Externally,

Take of Calomel, two scruples,
Tar ointment an ounce,

An ointment, with which the ulcer is to be dressed twice a day for two or three weeks, and then, to complete the cure, let a bandage be bound over the ulcer as tight as it can be borne. And,

Take of Spermaceti cerate, six drachms,
Red lead, two drachms,

To be applied night and morning. Or,

Take of Muriated quicksilver, two grains,
Muriatic acid, two drops,
Rose water, five or six ounces,

A lotion, lint dipped in this to be applied night and morning, and wetted with it before it is removed.

The fore may be sprinkled now and then with calomel, or the red nitrated quicksilver.

CONTRACTIONS.

CONTRACTION of the tendons, particularly that of Achilles, is a common cause of lameness, especially in children, though this case is often overlooked.

The use of many limbs (when long lost) has been recovered when the patient could not touch
the

the ground with his heel, by the following simple liniment. Take the yolk of a new laid egg, carefully cleared from the white, beat it up with six spoonfuls of spring water, let the thigh and leg be bathed with it morning and night, for some weeks. The effects are equally amazing and incredible.

PARALYTIC AFFECTION of the LEGS.

APPLY a large vesicatory to the os sacrum and loins. Electricity, much exercise, strait stockings, liberal use of the flesh brush, dry vomit, cold bath.

See PALSY.

DISORDERS peculiar to FEMALES.

CHLOROSIS.

THE Green sickness, as it is commonly called, is a distemper that attacks females generally before puberty, and sometimes (if there is no eruption of the catamenia) long after. It is also termed *Febris alba* and *Morbus virgineus*.

The *causes*. A deficiency of the vital heat, a predominant acid in the stomach, a lentor of the blood, vitiated quality of it. An over proportionate quantity of serum, pining, inactivity, dyspepsia, too profuse secretion of the succus pancreaticus,

pancreaticus, vegetables, fruit, sugar, deficiency of bile.

The *diagnostics*. A fallow, pallid, or livid countenance; laxity of the muscular fibres, inflated eye-lids, swelling of the ankles, and sometimes of the abdomen; indolence, aversion from exercise, especially running or walking fast; the respiration difficult and anhelous, pica and malacia, cephalalgia, a palpitation of the heart, green stools, sour breath.

The *prognostics*. This chronical disorder is sometimes of long continuance, without producing any remarkable ill consequences; sometimes schirrosities proceed from it; it is rarely difficult of cure; menstruation often carries it off. Feeding on chalk, tobacco pipes, and such like, is not the cause, but the effect of this disease.

The *cure*. The regimen should be the same as in *Weakness of the Solids*. First give an emetic, the properest is a grain and half of blue vitriol, not drinking any thing to work it off; the best time to take it is in the morning fasting; afterwards, uterine cathartics and corroborants, especially chalybeates: the cold bath may be used to advantage. Exercise is necessary. Some bleed in the Saphœna, but to lessen the quantity of that important fluid in such cases, as has already been often observed, is inexcusable indiscretion.

From the subsequent tribes an efficacious formula may be easily contrived.

The gums, as ammoniac, galbanum, sagapenum, opoponax, guaiacum, asafœtida, olibanum, myrrh, benjamin, styrax, mastic, frankincense.

Aromatics, as winter's bark, cinnamon, ginger, zedoary, all piperines, cloves, nutmegs, and such like.

Bitters, as gentian, galangal, centaury, aloes, camomile, carduus benedictus, which yields a pleasant bitter in a cold infusion, round birthwort, orange peel, &c.

Emmenagogues, as safin, castor, dittany of Crete, borax, penny-royal, rue, mugwort, white bryony root, stinking orrach, black hellebore, salt of amber, vitriolated, or tartarified iron, calomel, balsam of copaiva, or compound powder of myrrh.

Take of Tincture of muriated iron half an ounce,

Twenty drops night and morning. See
MENSES SUPPRESSED.

WHITES.

THIS is a disorder females of all ages are subject to.

The *causes*. A laxity of the glandular fibres of the lacunæ, suppression of the menstrual discharge. sprains of the loins, hard labor, hypercatharsis, profuse bleeding, blows, falls, weakness of the solids.

The

The *diagnostics*. A constant oozing from the os externum uteri of a white matter, sometimes thin, yellow, or brown: fœtid, sensation of heat in making urine, syncopes, anorexia, pain in the back and loins, increased by exercise, atrophy, Hypocratic countenance.

The *prognostics*. It is not very easy of cure. Women are generally troubled with it a great while before they apply for assistance: to this natural bashfulness they owe more bad consequences than they ever suspected. It is often productive of many dreadful disorders, which might with great facility have been prevented; as consumptions, procidentia, uteri, dropsy, internal ulcers, &c.

The *cure*. The most nourishing diet is necessary, as milk, meat broths, shell-fish, and such like. For her breakfast, two drachms of isinglass may be boiled in milk. The dry vomit is of considerable service, as also are lenient cathartics, magnesia, which alone is sometimes efficient, agglutinants, lime-water, and Spa-water. The most proper astringents are tormentil root, aromatics, rock allum, acetated ceruse and chalybeates. Twenty drops of the balsam of copaiva may be taken twice a day, or a tea-spoonful of tincture of cantharides, which has an excellent effect.

Take of Gum arabic, two ounces,
 Red astringent gum,
 Olibanum, of each half an ounce,
 Balsam of copaiva, enough for an electuary,

Dose, the size of a chestnut night and morning.

Take

Take of Conserve of red roses, two ounces,
 Yellow wax, half an ounce,
 Rhubarb, two drachms,
 Filings of iron,
 Galangal, of each a drachm,
 Tincture of Cantharides, enough for an electuary.

The size of a nutmeg to be taken twice a day.

Take of Blue vitriol, a scruple, dissolve in
 Boiling water an ounce ;

An injection, to be used warm twice a day.
 See GLEET.

HYSTERIC S.

HYSTERIC Fits, notwithstanding the various shapes they appear in, are too well known to need any description.

The *causes*. An unequal distribution of the vital heat, owing in some measure to the peculiar conformation of the uterus and its adjacent parts ; suppression, or deficiency of the menstrual flux, sometimes to its profusion ; delicacy of constitution, luxury, want of exercise, strong inclination to venery, fluor albus, want of blood, acid gas.

The *diagnostics*. Syncopes, catchings, rising of a halitus in the throat, sometimes so as to endanger suffocation, convulsions, clavus hystericus, quick respiration, laughing, screaming, crying,
U
the

the hands strongly closed, bawdy expressions, colic, cephalalgia.

The *prognostics*. If the patient has been long troubled with them, they often terminate in a perpetual causeless timidity; madness, or all the horrors of the hypochondriacal affection, to which this disorder is very similar. It is by no means dangerous, or if scientifically treated, difficult of cure.

The *cure*. All evacuations are deleterious, the dry vomit excepted, which succeeds wonderfully, if frequently repeated, and is propriis viribus sufficient to effect a cure; but if objected to, the practitioner will find various formulæ, which have proved efficacious, subjoined. Chalybeate waters are highly necessary; opiates are sometimes so. The cold bath. If the head is affected, let it be shaved and a blister laid over it. See HYPOCHONDRIA, EPILEPSY, and FLATUS.

Take of Prepared kali, two scruples,
Pure nitre, a scruple,
Purified salt of amber, seven grains,
Penny-royal water, an ounce and half,

- A draught to be taken every night, for some weeks,

Take of Ginger, half an ounce,

For six powders, One to be taken night and morning.

Twenty drops of the oil of amber may be taken night and morning, If costive,

Take

Take of Socotrine aloes,
 Filings of iron,
 Asafoetida, of each two scruples,
 Oil of amber, twenty drops,
 Simple syrup, enough for pills,

Number twenty-four; two to be taken night and morning.

Take of Galbanum, half an ounce,
 Camphire, half a drachm,
 Oil of amber, twenty drops,

A plaister to be applied to the navel. If laxative,

Take of Aloes, half a drachm,
 Purified opium,
 Camphire, of each a scruple.
 Simple syrup, enough for pills,

Number twelve; one to be taken at night, or oftener.

Take of Red bark, six drachms,
 Valerian, half an ounce,
 Filings of iron, a drachm,
 Conserve of floses, an ounce,
 Syrup of ginger, enough for an electuary,

Dose, the size of a walnut twice or thrice a day.

MENSES SUPPRESSED.

AN obstruction of the menstrual flux is either *total*, or *partial*, when there is a small drain, and the colour not florid, nor the appearance regular at the stated times. The same method of cure is requisite.

The *cause*. A deficiency of blood. Some have supposed that an universal plethora may be a concomitant of this disorder; to speak my own sentiments, I verily believe that it is never the case; a partial plethora, indeed, or which is the same thing, an unequal distribution of the vital heat often may and doth accompany it.

The *diagnostics*. Anorexia, pale or bloated countenance, fluor albus, cephalalgia, vertigo, palpitation of the heart, pain in the loins and thighs, swelling of the ancles, hysterics.

The *prognostics*. If it is total, the cure is difficult, but by no means impracticable, as some moderns suspect, (unless succeeded by a phthisis) or from salivation; in pinguetudinous habits, it is of little consequence; if partial, easily procured; if symptomatic, the primary cause must be removed.

The *cure*. The dry vomit is of admirable efficacy. For regimen, see WEAKNESS of the SOLIDS. If once the blood is sufficient in quantity there is no fear of the obstruction being removed. Balm of Copaiva is an excellent auxiliary. See CHLOROSIS. One remark may not be amiss, viz. that if no extraordinary inconvenience attends the too *little* or too *great* discharge of this sort, it is best not to interfere by the use of medicines, but leave nature intirely to herself.

Take of Socotrine aloes, a drachm,
 Filings of iron, two scruples,
 Precipitated sulphur of antimony, half a
 drachm,
 Calomel, a scruple,
 Oil of savine, twenty drops,
 Simple syrup, enough for pills,

Number thirty-two; two to be taken every night,
 or oftener.

Take of Compound tincture of savine,
 Tincture of black hellebore, of each an
 ounce,

Of these drops let two tea-spoonfuls be taken
 twice a day. See FLATUS.

MENSES IMMODERATE.

THE menstrual discharge is sometimes so
 profuse as to super-induce a large tribe of
 the most formidable disorders.

The *cause*. Weakness of the solids; conse-
 quently a want of elasticity in the fibres of the
 mouths of the uterine, or vaginal arteries, and
 deficiency of vital heat.

The *diagnostics*. Laxity of the muscular fibre,
 thin, light, lank hair, flabbiness of the flesh,
 pallid countenance; syncopes, anorexia, swelled
 ancles, cachexy.

The *prognostics*. If after abortion, parturi-
 tion, or if the patient is above fifty years of age,

it must be very profuse to prove dangerous. If the age is about thirty, and it is succeeded by a spontaneous total suppression, it is always fatal. If of long continuance, and always immoderate at the periodical returns, and the patient under forty, it cannot be restrained too soon.

The *cure*. It is surprising that all practitioners, who have wrote on this subject, propose phlebotomy, by way of revulsion forsooth; such practice cannot be too much execrated. A vomit is a more speedy, more effectual, and far safer remedy. For regimen, see WEAKNESS of the SOLIDS. The exercise should be very gentle. The medicines necessary are agglutinants, astringents, corroborants, and sometimes opiates. A cloth dipped in vinegar, may be laid on the abdomen, or loins.

Take of Gum arabic, two ounces, dissolve in pure water, a pint.

Of this mixture let a tea-cupful be taken two or three times in a day, or as often as there is occasion. Give a scruple of roch allum every half hour till it vomits; afterwards as much of the red astringent gum, as often as is necessary. She may eat of conserve of red roses to the quantity of an ounce in a day. To prevent a return,

Take of Red bark, an ounce,
Mastic, half an ounce,
Filings of iron, a drachm,
Mucilage of gum arabic, enough for an electuary.

The

The size of a nutmeg to be taken night and morning.

Take of Alcohol, fix drachms,
Oil of turpentine, two drachms,
Vitriolic acid, one drachm.

Of these drops, twenty or thirty may be taken morning and night.

Take of Olibanum, a drachm and a half;
Cinnamon, half a drachm,
Venice turpentine, enough for pills,

Number twenty-four; three to be taken night and morning.

If costive,

Take of Conserve of red roses, an ounce and an half,
Yellow wax, half an ounce,
Rhubarb, two drachms,
Galangal,
Filings of iron, of each one drachm,
Syrup of ginger, enough for an electuary.

Dose, the size of a nutmeg twice a day.

FALLING DOWN of the WOMB.

THE Falling down of the Womb is owing to a relaxation of its ligaments, or to some violence used in labour.

The *cause*. Falls, strains, shocks, fluor albus, the forcible (though needlessly) plucking away the placenta, weakness of the solids.

The

The *diagnostics*. Great pain when sitting still, or at stool, difficulty of making urine, sometimes convulsions and mortification.

The *prognostics*. If the patient is pregnant, the case is always dangerous; if the part is not reduced, it may turn gangrenous; if the ligaments are broke, scarcely curable.

The *cure*. Let the patient try to reduce it herself, by the means prescribed under Falling down of the Fundament. Or, lay a crown piece, with a small piece of wax-candle, lighted, on the middle of it, on the abdomen; put a tumbler glass over it and the pressure of the air will soon restore it to its proper place. If she is with child, let the abdomen be supported by a bandage. She should be kept lying on her back (with her hips raised and her legs crossed) as long as possible. Use clysters, astringent injections, fomentations, suffiments and pessaries.

See the drops in the last article.

DISORDERS peculiar to PREGNANCY.

NAUSEA and Vomiting. Give frequently twenty drops of diluted vitriolic acid in a tea-cupful of strong mint tea; or if necessary, opiates. See VOMITING.

Diarrhœa. See that article.

Costiveness from the pressure of the fœtus. Administer fat oily clysters, A powder composed

posed of two parts magnesia and one of rhubarb ; of this let half a drachm be taken occasionally.

Heart-burn. Two scruples of chalk and one of gum arabic may be taken as often as necessary, if not costive; if that is the case, give as much magnesia, drinking half a pint of broth after every dose.

Syncopes. Use cardiacs, volatiles, opiates, strong soups, and jellies.

Longing. Whatever is craved may be given with safety, and ought by all means to be procured as soon as possible.

Swelling of the ancles, legs, thighs or breast. Use lenient cathartics, absorbents, diuretics, diaphoretics, opiates, rest: if the legs, they cannot be kept too much in an horizontal position.

Pain in the loins. If from the weight of the foetus, let the abdomen be supported by a bandage. Cardiacs and rest are necessary.

Oedematous tumours of the os externum, scarification.

Dysury. Agglutinants; the catheter.

Dyspnœa. See COUGH.

Bearing down. See ABORTION below.

Flux menstrual or hæmorrhoidal, treat as at other times.

False conceptions, or moles, leave to nature. If any thing is given, it should be taken from the emmenagogic tribe. Pretty violent exercise may be used.

ABORTION.

THIS and every other disorder to which a woman during the state of her pregnancy is liable, is chiefly, if not intirely, owing to a deficiency of heat and blood; which may easily be gathered from the consideration of the expence she is at for the nutrition of the fœtus, and the formation of its appurtenances: if two ounces of blood were drawn every day from a person ever so healthy for forty weeks together, let it be left to common sense to determine whether such a one can stand in need of supernumerary venæ-sections during that time.

It is upon this account that their faces appear so thin, their noses pinched in, and various disorders attack them which originate from a deficiency of blood. If a woman with child is bled, says Hyppocrates, a miscarriage is endangered; the larger the fœtus, the more certain and expeditious will be the abortion. Experience confirms the truth of this observation of the divine old man. I knew many ladies who used phlebotomy during their pregnancy and miscarried, but on the omission of it, went out their full time and were delivered of healthy children. That all do not miscarry who are bled is true, and indeed nothing is more to be wondered at than the inexhaustible

inexhaustible resources of nature, by which she can recover herself from the consequences of such ill-timed evacuations. To use phlebotomy because her periodical visits disappear, is absurd and puerile, for it cannot be a manly argument that we ought to lavish away that fluid which nature demonstrates her want of by her care to preserve it. Bleeding, in a word, is always hazardous and improper during pregnancy, and not seldom brings on convulsions and death. To this rash and inexcusable imprudence it is owing that such numbers of women who even go their full time, die in child-bed.

The *causes*. Weakness of the solids, bleeding, blows, falls, frights, disappointment in that which was longed for.

The *diagnostics*. Pain in the back, loins, and thighs, bearing down; cephalalgia, nausea, quick pulse, flatness of the breasts, syncope, dribbling of the waters from the uterus, flooding.

The *prognostics*. If nature is not counteracted, or disturbed by unnecessary interposition, there is seldom any danger of the mother. If the fœtus is dead (which may be known by syncope, cold sweats, flushings, rigor, or the fœtus falling from side to side) nothing but mild emmenagogues should be given once or twice a day. It may continue in the uterus three or four weeks without any ill consequence, and it scarce ever exceeds that time before nature will effect its expulsion.

The *cure*. Prevention is all we are capable of in these cases. Where there is a proneness to miscarry, from a laxity of the muscular fibres, or if she has miscarried before, it will be necessary to use the same regimen as that recommended under WEAKNESS of the SOLIDS, and to keep an issue constantly open. I knew a lady who miscarried twice, then opened an issue, and while it continued had three living children; she then suffered it to dry up and again miscarried; it was cut again shortly after, and she bore five strong healthy children; her issue then dried up spontaneously, after which she miscarried three times successively. The reader is left to make his own observations on this remarkable case. I have often seen amazing effects from the following:

Take of French bole,
Mastic, of each three drachms,
Yellow wax, two drachms,
Cyprus turpentine, enough for a plaister,

To be applied to the loins and worn during the time of gestation.

Take of Chalk mixture, six ounces,
Spirit of cinnamon, two ounces,

A mixture, of which let three spoonfuls be taken morning and night.

Take of Cannella alba, a scruple,
Ginger, ten grains,
Aromatic confection, half a drachm,

A bole,

A bole, to be taken every night.

Take of Red bark, one ounce,
 Winter's bark, three drachms,
 Cloves, one drachm,
 Oil of cinnamon, twenty drops,
 Mucilage of gum arabic, enough for an electuary,

Dose, the size of a nutmeg morning and night.

PARTURITION.

THE usual time of delivery is forty weeks after impregnation. It has been generally supposed that about the eighth month of pregnancy, the head of the foetus growing specifically heavier than the body, falls down on the os internum with its face towards the mother's back, which was before towards her belly. This *tumble*, as the French call it, appears to me to be wholly imaginary, for I never dissected a woman in any state of pregnancy, that the posture of the foetus was not the same as at the time of delivery, when the birth is natural.

The foetus receives no nourishment but by the umbilical cord, notwithstanding the numerous arguments which that ingenious and truly excellent anatomist Heister has used to prove, that it swallows the alimentary liquor before expulsion; a sufficient refutation of all which is, that from the consideration of its posture, and incapacity of breathing, it is impossible.

In a natural birth, nothing more is necessary than to support and prevent the laceration of the perinæum, leaving the rest to nature. In breech presentations, it is needless to alter the posture of the fœtus, but in all other preternatural positions, search for and extract it by the feet. If the placenta follows not immediately, use no violence; the woman may be ordered to bed: there are frequent instances of its continuance in the uterus for twelve, twenty, yea eight and forty hours, without the least ill consequence. What nature will perform in such cases is scarcely within the limits of credibility: when the head of the fœtus has been left, she has effected the expulsion of it without any assistance, and what is still more extraordinary, a living child has been produced from a pelvis, where there have not been more than two inches between pubes and sacrum. It would be far more eligible for practitioners to watch, wait upon, and gently operate with, than ever to attempt to hurry, or disturb nature in any of the efforts she may make to relieve herself.

In difficult labors, let an emollient clyster be administered. If attended with a suppression of urine, the catheter should be introduced; sternutatories may be used to advantage; sometimes emetics and opiates; strong cardiacs ought not to be omitted.

Take of Balsam of Copaiva, half an ounce,
The yolks of two eggs,
Linseed oil, six ounces.

An excellent clyster.

Take of Myrrh, a scruple,
Purified opium, two grains,
Syrup of saffron, enough for a bole.

To be repeated as there is occasion.

Take of Penny-royal water, six ounces,
Spirit of Penny-royal, two ounces,
Compound tincture of lavender, half an ounce.

Of this mixture, three spoonfuls should be given every hour, or every half hour, with one of the following powders.

Take of Borax, a drachm and half,
Myrrh, half a drachm,

Make into six powders.

To procure an easy labor. A tea-spoonful of the *compound tincture of savin*, taken every night for a month before the expected time, is a most certain, safe, and efficacious method, as I have experienced in a prodigious number of cases.

Flooding. Let a cloth, dipped in vinegar, be applied frequently to the abdomen and loins, and be left on 'till it is dry. See MENSES IM-MODERATE.

Fever in child-bed. Let her be kept cool and receive constant supplies of fresh air. Give the tartarised antimony in small doses with castor, and cardiacs.

Suppression of the lochia. Give a scruple of compound powder of myrrh two or three times a day.

AFTER-PAINS.

AFTER-PAINS are most severely felt by those women who have had more children than one.

The *cause*. A too quick contraction of the mouths of the uterine arteries; a distention of the ligaments, elastic air, retention of pieces of the coagulated blood.

The *diagnostics*. Spasmodic constriction of the loins; shooting pains in the groin, abdomen, or thighs.

The *prognostics*. They are not dangerous, nor difficult to remove; if they cause a suppression of the lochia, use emmenagogues.

The *cure*. Some give half an ounce of oil, not without a good effect. That which is given to drink should be sipped very warm. The abdomen ought to be swathed pretty tight. Opiates may be given with safety.

Take of Spermaceti, half an ounce,
 The yolks of two eggs,
 Tincture of opium,
 Oil of juniper, of each one drachm,
 Penny-royal water, seven ounces,

A mixture;

A mixture; of which let three spoonfuls be given every three or four hours, 'till the pains go off.
Or,

Take of Galbanum,
Myrrh, of each half a drachm,
Purified opium, ten grains,
Balsam of Peru, enough to make twelve pills.

One to be taken every hour till the pain vanishes.

SORE NIPPLES.

DRESS them twice a day with the following liniment: it will not disappoint expectation.

Take of Spermaceti cerate,
Balsam of Peru, of each two drachms,

A liniment.

DISORDERS *peculiar to* CHILDREN.

THE disorders peculiar to children are exceeding few which require any assistance. If they are kept very cool (except in winter) fed sparingly and often; have their bodies sufficiently open; be suffered to sleep little in the day time, and almost continually played with and dandled: in a word, let them not be gorged with victuals, and receive sufficient exercise, and nature will do her own business, without any interference, in all disorders that I know of, excepting those mentioned below. When children

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dren have any other complaints, the best advice I can give is, *to do nothing*.

Frequent friction with the hand, and almost perpetual motion on the arm, are the best of all prophylactics.

My intention in the seventh edition of my work was to have given more particular and diffusive directions for the management of children, but am well pleased to find that intention superseded by Dr. Underwood's excellent Treatise on the Diseases of Children, a work worthy of the highest commendation, and which I most warmly recommend to the perusal of my reader. There is one thing indeed, in which I cannot agree with him, viz. the *necessity* of bleeding in the measles and hooping cough. I have only to say, I never once attended a child in either of those disorders, which died, that had not previously been bled. This *necessity*, therefore, appears to me to be problematical. However, if there are any other errors to be met with in this author, I am persuaded that his work is as remarkable for their trivialness and paucity, as Dr. B.'s domestic medicine is for their magnitude and number.

RETENTION of the MECORIUM.

IF the child has no discharge by stool within six hours after its birth, let a tea-spoonful of oil of olives be given to it, or a few grains of manna, or an oleous clyster, or a tea-spoonful of rhubarb wine, to be repeated as there is occasion.

HYDROCEPHALUS.

HYDROCEPHALUS.

HYDROCEPHALUS, or the watery head, the best remedy for, if any, is a perpetual blister. It must not be opened; if it is, the child will be irrecoverably lost.

HYDROCEPHALUS INTERNUS.

THIS disorder is commonly called the dropfy of the brain, because on dissection there is found below the corpus callosum a bag of water generally as large as a goose egg, or two or three ounces of water extravasated on each side of the falx. It greatly resembles the worm fever, these particular diagnostics excepted, constant moaning, shrieking, intolerance of light, enlargement of the pupil, strabismus and frequent lifting of the hand to the head. *It is always mortal.* The cause (if not preceded by a blow, or pulling the hair) is unknown. I was once in a town where this distemper was exceeding rife. It never attacks any one after the age of puberty. As all attempts are vain, it is pity to give the patient the least painful sensation: blisters are entirely useless. They often live in this pitiable and shocking state 'till the fifteenth or seventeenth day after the first invasion. The only prospect is from quicksilver.

CON-

CONVULSIONS.

IF symptomatic, the removal of the primary disorder which occasions them is the first object. Those that are most common generally yield to the following:

Take of Peppermint water, an ounce and an half,
 Prepared kali, two scruples,
 Balsamic syrup, half an ounce,

A tea-spoonful night and morning, or three or four a times a day as there is occasion.

If primary,

Take of tincture of asafœtida, half an ounce,

Give ten drops every two or three hours.

Take of New milk, an ounce,
 Peppermint-water, half an ounce,
 Tincture of asafœtida, half a drachm,

For a clyster.

The above clyster may be given with vast advantage in all convulsive disorders in children.

Note. The prepared kali has all the *good* effects of absorbents, besides keeping open the alvine tube and urinary canals, it intirely precludes their use. In a diarrhœa, chalk may be used, which is the best of the whole tribe.

SCROPHULA.

SCROPHULA.

HAVING already treated of the Evil, I should not have resumed the subject, but on account of recommending a medicine which has *perfectly* cured infinite numbers of scrophulous children. Yet a very eminent * Physician has asserted in print, *that quicksilver is of no service*: I asked him, if he had used it for any length of time? His reply was, not at all, but several Physicians had asserted the same. I think my *assertion*, which arises from trials and invariable success in those trials, demands as much attention.

Take of Muriated quicksilver, ten grains,
Muriatic acid, ten drops,
Rose water, half an ounce,

Of these drops, let three be given to a child from two to four years old every night, or even four drops, if they do not purge (for they must not run off by stool) and the use of them continued for several months, till quite well. I have seen the most astonishing and incredible cures performed by them.

Glandular tumors in the neck, &c. will sometimes be dissolved by the tar ointment, rubbed in morning and night. If they lessen not in five, or six days,

Take of Camphire, half an ounce,
Oil of olives, six drachms,
Aniseed, one drachm,

A lini-

* Dr. F. the ingenious author of the Treatise on Bath waters.

A liniment, to be used three or four times a day.
Or, saturnines.

If it still continues to swell, or begins to look red, apply a poultice of bread and milk *only*, repeating it three or four times a day, and let one be laid on at bed-time, to be kept on all night. This process to be continued till it breaks, and for a day or two after; then dress, as you will find under the article EVIL, which see.

TOOTHING.

IN six or seven months after birth, children commonly begin to shew signs of dentition. It is often accompanied with some very untoward symptoms, as violent pain, symptomatic fever, convulsions, partial palsies, and severe diarrhœa. I have seen children lose the use of an arm, of a leg, and sometimes of both, 'till the tooth was through; and then recover immediately, without any medical assistance. The signs of cutting their teeth are, swelling of the gums, flavering, looseness, restlessness, and symptomatic fever.

Though opiates are improper for such tender frames; yet in this case (if in any one) they may be allowed, as it is always attended with some danger; no small care is requisite to assist nature through this troublesome process. Among the many ill effects which a liberal use of Godfrey's Cordial (too often made use of by indolent nurses), or any other opiate, produces in children,
may

may be reckoned costiveness, which is the worst habit of body a child can be subject to.

Rub the inflamed gum hard and often with a lump of sugar, even till it bleeds, or give a child a piece of liquorice root to mumble, or divide the gum with a gum lancet, to facilitate the passage of the tooth.

There are few disorders to which children are liable, that are not either caused by, or attended with a predominant acid in their stomach and bowels, partly owing to the quick fermentation of the milk in their stomachs, but chiefly to that pernicious ingredient, sugar, in their victuals; this is evident from the sourness of their breath and stools, and the green colour of the latter.

Magnesia alba should be given them, not sparingly, if costive; chalk, powdered, if laxative; which two are the only medicines necessary for them while they are suckled.

Perhaps it may not be amiss to observe, that five or six months are long enough for any child to suck with the least advantage to itself, or without manifest detriment to the mother.

WORM FEVER.

AS this Fever is only symptomatic, bleeding is unnecessary and improper. A few grains of nitre, or salt of wormwood may be given two
or

or three times a day. If the fever remits, give the bark, than which there is scarce a better vermifuge, For common drink, water, sweetened with honey, and acidulated with lemon juice. Of all the various medicines which are used in this case, perhaps none will prove more successful than the following powders :

Take of Scammony, ten grains,
Calomel, three grains,

A powder, to be given occasionally. Or,

Take of Mercury with sulphur, two drachms,
Rhubarb, half a drachm,
Tartarised antimony, two grains,

For six powders; one to be taken twice a day.

Take of Indian pink roots, an ounce,

Divide into three parts; of one part make an infusion, by boiling water; two or three tea cupfuls, to be taken at once, and repeated occasionally.

N. B. This disorder is not uncommon with adults, especially females.

TUSSIS CONVULSIVA.

THE Hooping, or Chin-Cough, as it is called, is dangerous, on account of those spasms of the lungs wherewith it is always attended, and from whence that matter is ejected,
when

when the children hoop and strain, and not from the stomach, as is vulgarly supposed.

Take of Antimony tartarised, five grains,
Water, an ounce,
Balsamic syrup, two drachms,

A mixture; a tea-spoonful to be taken every half hour, till it pukes, and repeated every other morning.

Ten drops of the balsam of copaiva, on sugar, twice a day, ought not to be omitted. Spermaceti, dissolved in broth, is useful; so also is an electuary, composed of nettle-seeds and honey; the asafœtida, were it less nauseous, is inferior to no medicine. They should be kept as warm as possible. The exercise of swinging is peculiarly serviceable to them. Oil of amber, or garlick, rubbed on the spina dorsi every night, will have a wonderful effect, or a Burgundy pitch plaister, to be worn constantly between the shoulders. See COUGH.

Emetics, eccoprotics, antacids, antispasmodics, as valerian, gum ammoniac, castor, musk, &c. are all of considerable utility, and opiates, if not costive. As a plethoric child is a prodigy indeed, I cannot conceive what phlebotomy has to do in this, or any other disorder, to which children are liable; whatever their ailments are, the lancet may well be dispensed with. I have seen many, too many instances, in which their lives have been sacrificed to the use of it.

Take of Prepared kali, two scruples,
 Peppermint water, an ounce and half,
 Balsamic fyrup, half an ounce,

A tea or pap-spoonful to be taken night and morning.

WATERY GRIPE S.

IN this disorder not more than *two* doses of rhubarb ought to be premised, before recourse is had to astringents, such as the compound powder of chalk, with opium, which is second to none; it may be given from three to five grains twice or thrice a day. Chalk may be freely given, and any alcalis. The inmost peel of a walnut, powdered, and given at pleasure, is excellent; or powder of unripe blackberries. In the decline of this, and the foregoing disease, large quantities of the bark, in decoction, should be used, to confirm and perfect their health and strength.

SCALD HEAD.

LET the head be shaved, if it can be performed with any tolerable convenience, and apply the tar ointment, with calomel, rubbing it well in night and morning.

Take of Tobacco, two ounces, boil in
 Water, a pint,

Till about an ounce is evaporated; then strain, and add a drachm of water of kali. Let a cloth
 be

be dipped in this mixture, warmed, and the head be moistened with it each time, previous to the application of the ointment, and the cruel operation of plucking out the roots of the hair, will be totally unnecessary.

During the cure small quantities of antimonials and mercurials, combined, will be found extremely serviceable, or the solution of muriated quicksilver, or the mixture under SCURVY, which see: but none of them are absolutely necessary. The above topics may be safely trusted to alone.

CUTICULAR ERUPTIONS.

THESE are very common with children, and are no very unpromising prognostic. They indicate a proper attempt of nature, to throw off something that is offensive, consequently they ought to be promoted, and by no means to be repelled by any evacuations whatever. Bleeding or purging would be equally injurious. In this case animal food, with plenty of salt, is necessary. My eldest son, at the age of four years, had a violent eruption all over his body, which soon disappeared without any medicines, by the liberal use of salt and gravy. No diet is so proper for children as that of animal substance; and the healthiest children I ever saw, were those who had been used to it from the time that they were four or five months old. The meat should be minced small, but not be deprived of its most

nutritious juices, by being previously and filthily mouthed by the nurse. If children had nothing given them but milk, or half cows milk and half water, till they began to teethe, without either bread or sugar, and afterwards were indulged in the use of animal, with very little vegetable food, we should rarely find any disorders among them. Vegetables require too operose a process for their tender organs to elaborate into nutritious chyle. See SCURVY, and the mixture and liniment, under that article.

RICKETS.

THIS is a disease that affects the bones of children; the head is sometimes enlarged to an enormous size, the wrists and ancles seem protuberant, and as the bones increase in size, the child grows weaker; indeed, every fibre is distended beyond its proper dimension, for the solids are by no means a match for the fluids. It is chiefly, if not wholly, owing to the sloth and nastiness of the nurse. Those children who are much dandled and danced, kept clean, and frequently in motion, carried sometimes on one and sometimes on the other arm, will be for ever strangers to this disorder.

For the cure, emetics and rhabarbine purgatives being premised, give chalybeates, the bark, change of air, plenty of exercise, which is absolutely necessary, and let the child be plunged into cold water every morning; but never give it a second,
much

much less a third dip, as is the foolish custom of some. For regimen, see *WEAKNESS* of the *SOLIDS*.

AS a promise is sacred, however unfairly extorted, it would be unkind for the reader to impute the insertion of the following petit piece, to the vanity of the author:

To the Author of the Art of Healing.

LONG had Philosophy lain hid in night,
 'Till sapient NEWTON rose, and all was light:
 So Physic hobbled on, with crippled pace,
 Veil'd in dark terms, or cover'd with grimace;
 Till MARRYAT laid her open to the view,
 With Truth adorn'd her, and with Reason too.

SHARMAN HARROLD.

ANTRIM, August 24, 1766.

F I N I S.

ERRATA.

Acres circumfert centum licet Argus ocellos :

Non tamen errantes cernat ubique typos.

Page 16. l. 15. read ingredient.—p. 19. l. 17. r. acrid.—
p. 28. l. 12. r. participating.—p. 57. l. 22. r. militate.—p.
61. l. 25. for grains, r. drops.—p. 104. l. 15. r. hypochon-
driacal.—p. 105. l. 6. from the bottom, r. particularly.—
p. 114. l. last but three, read *tea*-spoonfuls.—p. 120. l. 11.
from jaundice, r. tunica.—p. 130, l. 5. dele *tai*.—p. 147.
l. 9. r. pancreatic.—p. 174. l. 8. after *allum*, r. powdered.

I N D E X.

A.

	Page
A BORTION to prevent	238
After-pains	244
Ague	10
Albugo. See OPTHALMY	
Anafarea	115
Angina	18
—— Pectoris. See FLATULENCIES.	
HUMORAS ASTHMA and DROPSY.	
Anorexia	162
Apepsia	163
Aphthae	45
Apoplexy	108
Appetite bad	162
Ardent Fever	7
Arthritis. See GOUT	
Afcites	115
Asthma	86

B.

Bastard Peripneumony	82
Bloody Flux	144
Borborygmi. See FLATULENCIES	
Bradypepsia	162
Bulimus	

	Page
Bulimus	165
Bulimia	ibid.
Burn	222

C.

Caducus	94
Cancer	220
Canine Appetite	165
Cardialgia	154
Catalepsy	94
Catarrhal Fevers	76
Catarrh Suffocating	78
Catoche	94
Causus	7
Cephalaea	90
Cephalalgia	ibid.
Chiragra. See GOUT.	
Cholera Morbus	147
Chlorosis	225
Chorea Sancti Viti	209
Chumosis. See OPHTHALMY	
Colic Bilious	123
_____ Flatulent	159
_____ Of Painters	157
Clap	124
Cœliaca	140
Coma Vigil. See FEVERS.	
_____ Somnolentum. See LETHARGY.	
Consumption	50
Contractions	224
Convulsions	172
_____ in Children	248
Cough	78
_____ Hooping	252
Cuticular Eruptions	180
_____ in Children	255
Dance	

D.

	Page
Dance of St. Vitus	209
Deafness	208
Dentition	250
Diabetes	173
Diarrhœa	140
Disorders of the Eyes	73
——— Breast. See COUGH, ASTHMA, FLATU- LENCIES, and BASTARD PERIPNEU- MONY.	
——— Painful	214
——— Peculiar to Children	245
——— — Females	215
——— — Pregnancy	236
——— Venereal	124
——— Windy	98
Dropfy	115
Dysentery	144
Dyspepsia	163
Dyspnœa	87
Dysury	191

E.

Elephantiasis	186
Empyema	55
Ephemera	7
Epilepsy	94
Epiphora. See OPHTHALMY.	
Eruptive Fevers	33
Erysipelas	62
Evil	186
—— in Children	249

Fainting

F.

	Page
Fainting	168
Falling down of the Fundament.	188
Womb.	235
Fevers in general	1
Ardent	7
Intermitting	10
Malignant	41
Miliary	38
Nervous	ibid.
Petechial	41
Puerperal	243
Putrid	41
Scarlet	48
Slow	38
White. See CHLOROSIS	
Fistula	153
Flatus, or Flatulencies	98
Flooding	243
Fluor albus. See WHITES	

G.

Gangrene	218
Glaucoma	74
Gleet	137
Gonagra	198
Gonorrhœa virulent	124
Gout	198
Gravel	65
Green Sickness	225
Gripes Dry	159
Watery	254
Gutta Serena	76

Head

H.

Page.

Head-ach	_____	_____	90
Hæmoptoe	_____	_____	56
Hæmorrhage	_____	_____	59
Hæmorrhoids	_____	_____	150
Heart-burn	_____	_____	154
Hemicrania	_____	_____	91
Hemiplegia	_____	_____	112
Hernia, or Rupture	_____	_____	217
Hiccough	_____	_____	60
Hip-gout	_____	_____	206
Hoarseness	_____	_____	78
Hooping-cough	_____	_____	252
Humoral Asthma	_____	_____	82
Hydrocephalus, or Watery Head	_____	_____	247
_____ Internus, or Dropsy of the			
Brain	_____	_____	ibid.
Hydrops, or Dropsy	_____	_____	115
Hydrothorax, or Dropsy of the Breast	_____	_____	85
Hypochondria	_____	_____	104
Hypopyon. See OPTHALMY.			
Hysterics	_____	_____	229

I.

Jaundice	_____	_____	120
Iliac Passion, or Twisting of the Guts	_____	_____	160
Imbecility	_____	_____	194
Impotency	_____	_____	ibid.
Intermitting Fever	_____	_____	10
Ischias, or, Hip-gout	_____	_____	206
Ischury	_____	_____	191
Itch	_____	_____	182

K.

Page.
186

King's Evil

L.

Labor difficult	—	—	242
Lepra Græcorum	—	—	186
Leprosy	—	—	185
Lethargy	—	—	193
Lientery	—	—	140
Locked Jaw	—	—	172
Looseness	—	—	140
Lues, or Pox	—	—	132
Lumbago	—	—	198

M.

Madness	—	—	28
Malignant Fever	—	—	41
Measles	—	—	47
Melancholy	—	—	104
Menses suppressed	—	—	231
— immoderate	—	—	232
Miliary Fever	—	—	38
Miserere Mei	—	—	160
Morbilli, or Measles	—	—	47
Morbus Comitialis	}	—	94
— Herculeus		—	
— Sacer		—	
Virgineus	—	—	225
Mortification	—	—	218

Nephritis,

N.

	Page.
Nephritis	65
Nervous Fever	38
Nipples sore	245

O.

Odontalgia, or Tooth-ach	214
Œdema	222
Omagra } See GOUT.	
Onagra }	
Opisthotonos	172
Ophthalmy, and Disorders of the Eyes	73
Orthopnoea	87

P.

Painful Disorders	214
Pain in the Back	216
——— Breast. See PHTHISIS.	
——— Ears	214
——— Face	215
——— Head	90
——— Limbs	217
——— Loins	216
——— Neck	ibid.
——— Side. See FLATUS.	
——— Stomach	154
——— Teeth	214
Palpitation of the Heart	171
Palsy	112
Paralytic Affection of the Legs	225
Paraphrenitis	26
Parturition	241
Peripneumony	21
——— Bastard	82

Z

Petechnial

	Page.
Petechial Fever	41
Phlogosis	73
Phlyctenæ	ibid.
Phrenitis	24
Phthisis	50
Piles	150
Plague. See PUTRID FEVER.	
Pleurisy	14
Poisons	170
Pox	132
Procidentia Ani	188
———— Uteri.	235
Pfora, or Itch	182
Pterygium	73
Putrid Fever	41
———— Sore Throat	43

Q.

Quinfy	18
--------	----

R.

Retention of the Meconium	246
Rickets	256
Rheumatism	203
Rupture	217

S.

Scald-head	254
Scarlet Fever	48
Schirrus	220
Sciatica, or Hip-gout	206
Scorbutic Eruptions	180
Scrophula,	

	Page.
Scrophula, or Evil	186
Scurvy	177
Singultus, or Hiccup	60
Slow Fever	38
Small-pox	33
Spasms	172
Sphacelus, or Mortification	218
Spina Ventosa, or White Swelling	217
Sprain	222
Sterility	196
Stone	70
Strangury	189
Struma, or Evil	185
Suffocating Catarrh	78
Suffusio	73
Syncope, or Fainting	168
Synochus	7

T.

Taraxis	73
Tenefmus	149
Thrush	45
Tinea, or Scald-head	254
Tooth-ach	214
Toothing	250
Tuffis Convulsiva, or Hooping Cough	252
Twisting of the Guts	160
Tympanites	115

V.

Variolæ, or Small-pox	33
Venereal Disorders	124
Volvulus	160
Vomiting	167

U.

	Page.
Ulcer in the Bladder	68
_____ Kidnies	ibid.
_____ Legs	223
Urine Suppressed	191
_____ Incontinence of	192

W.

Watery Gripes	254
Weakness of the Solids	211
Whites	227
White-f swelling	217
Windy Disorders	98
Worm Fever	251
Worms	175

Y.

Yaws. See Pox.

